

F|G-1

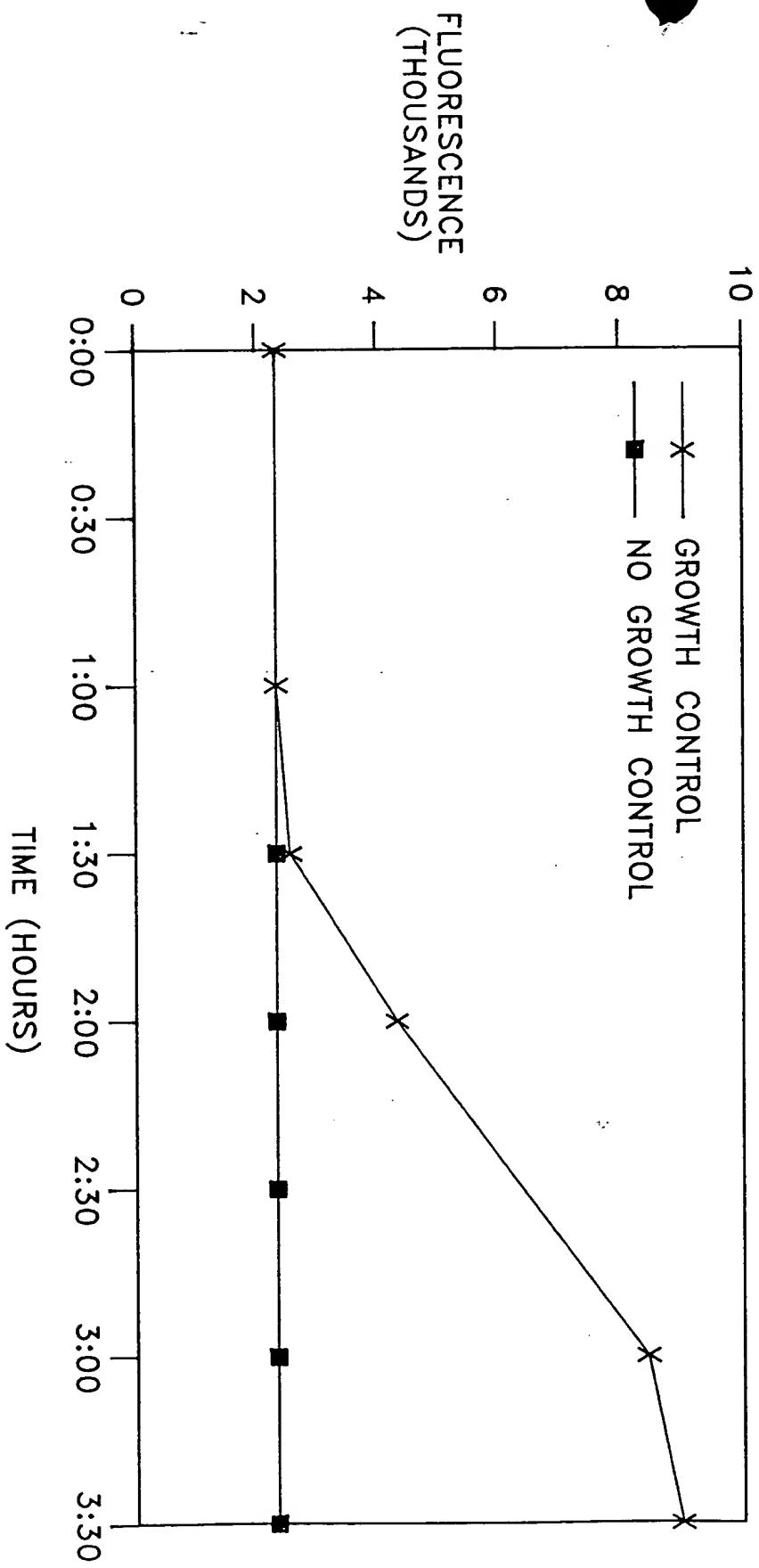


FIG - 2

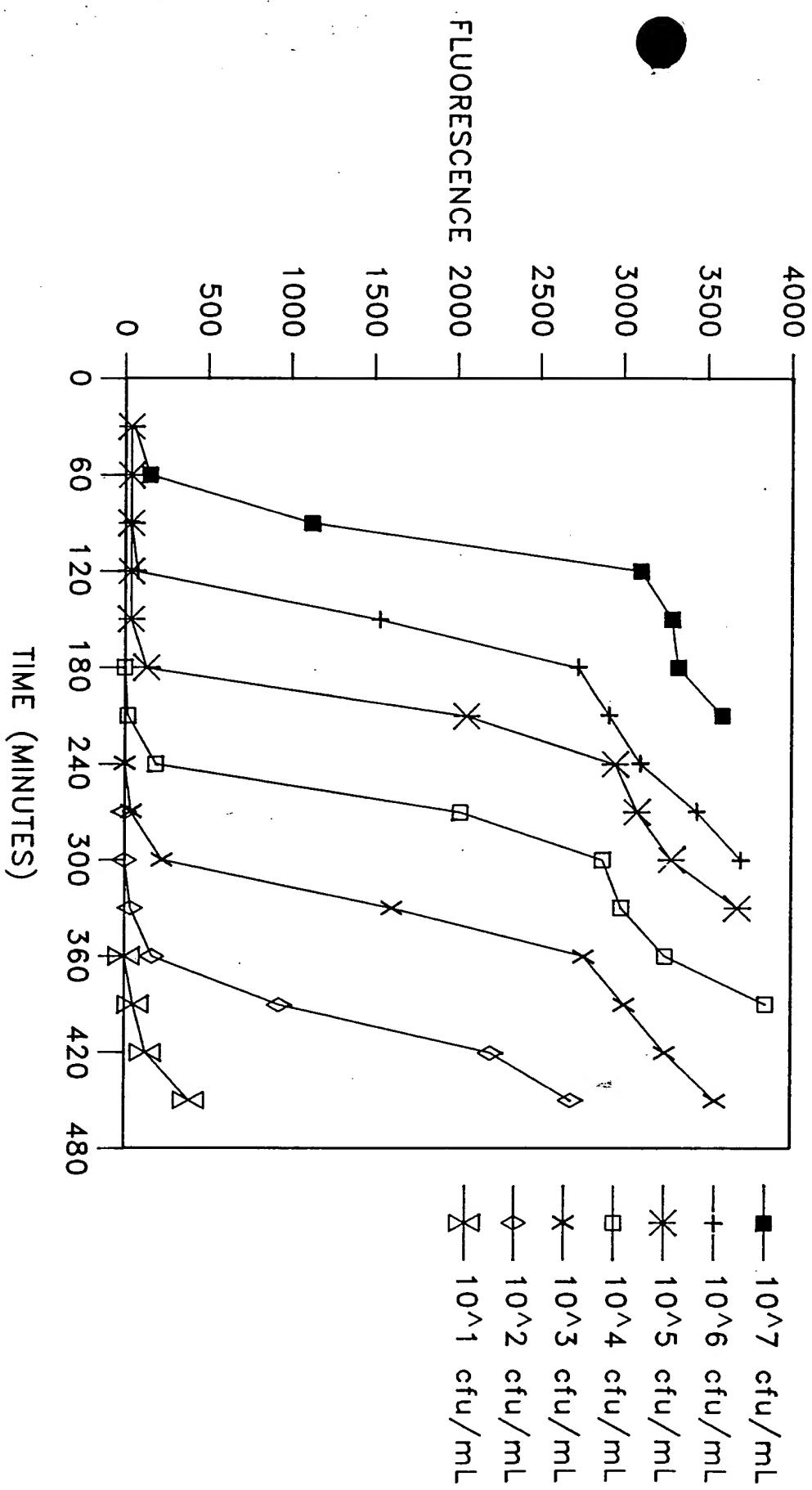


FIG-3

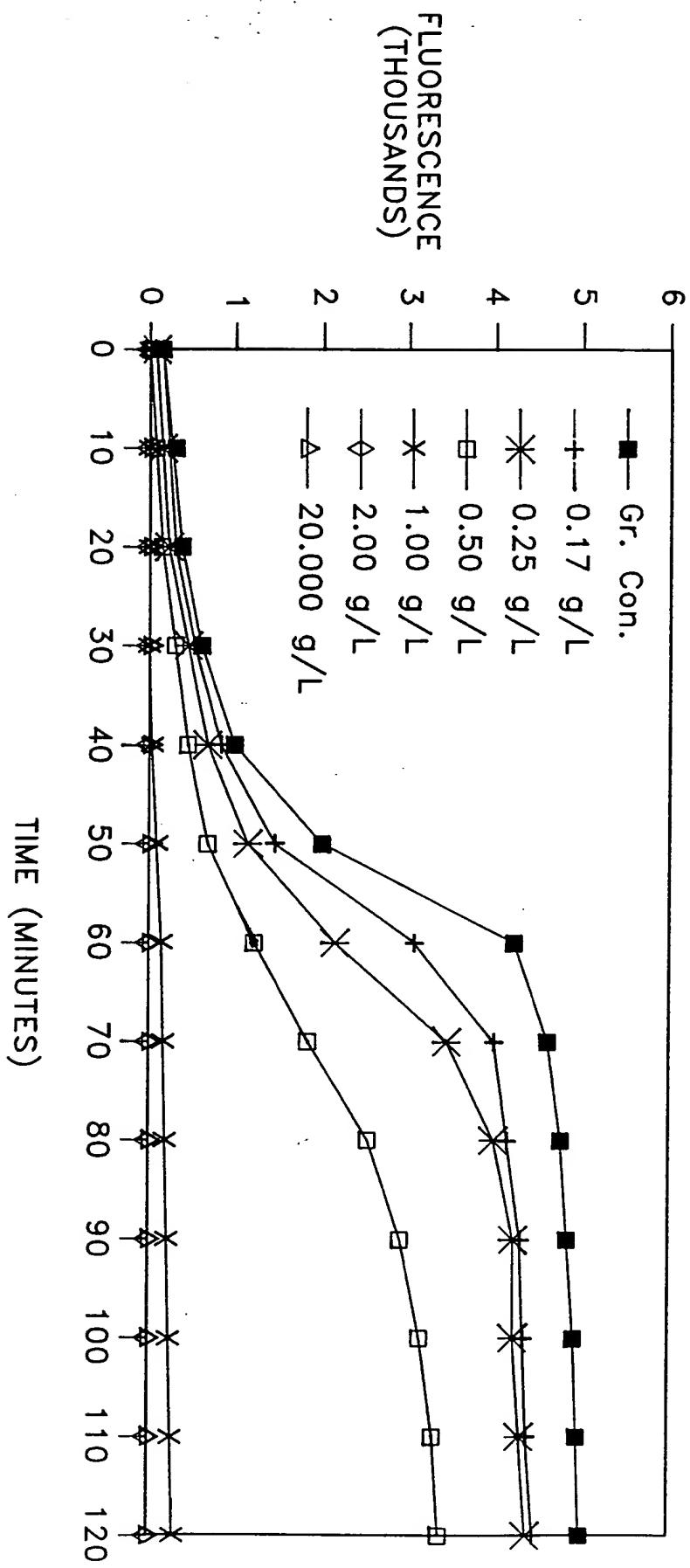


FIG - 4

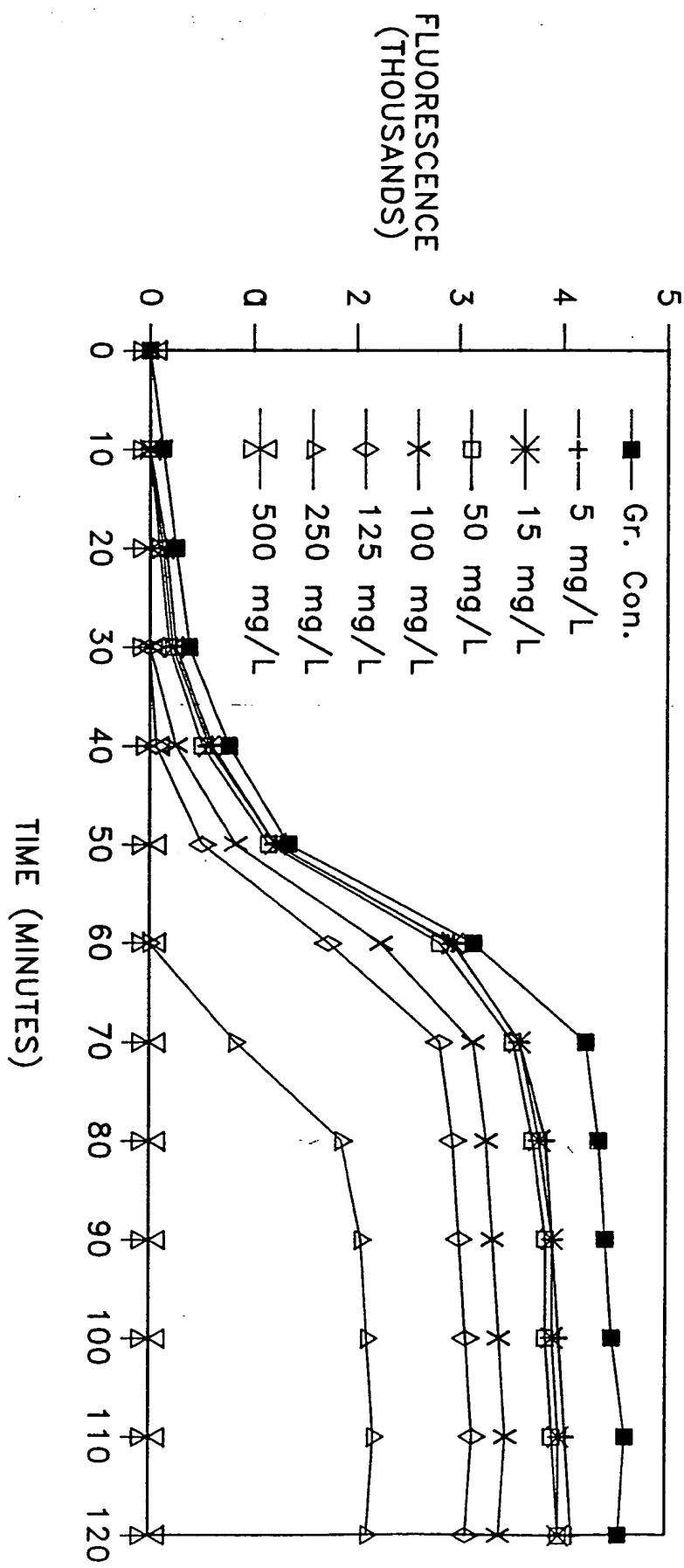


FIG-5A

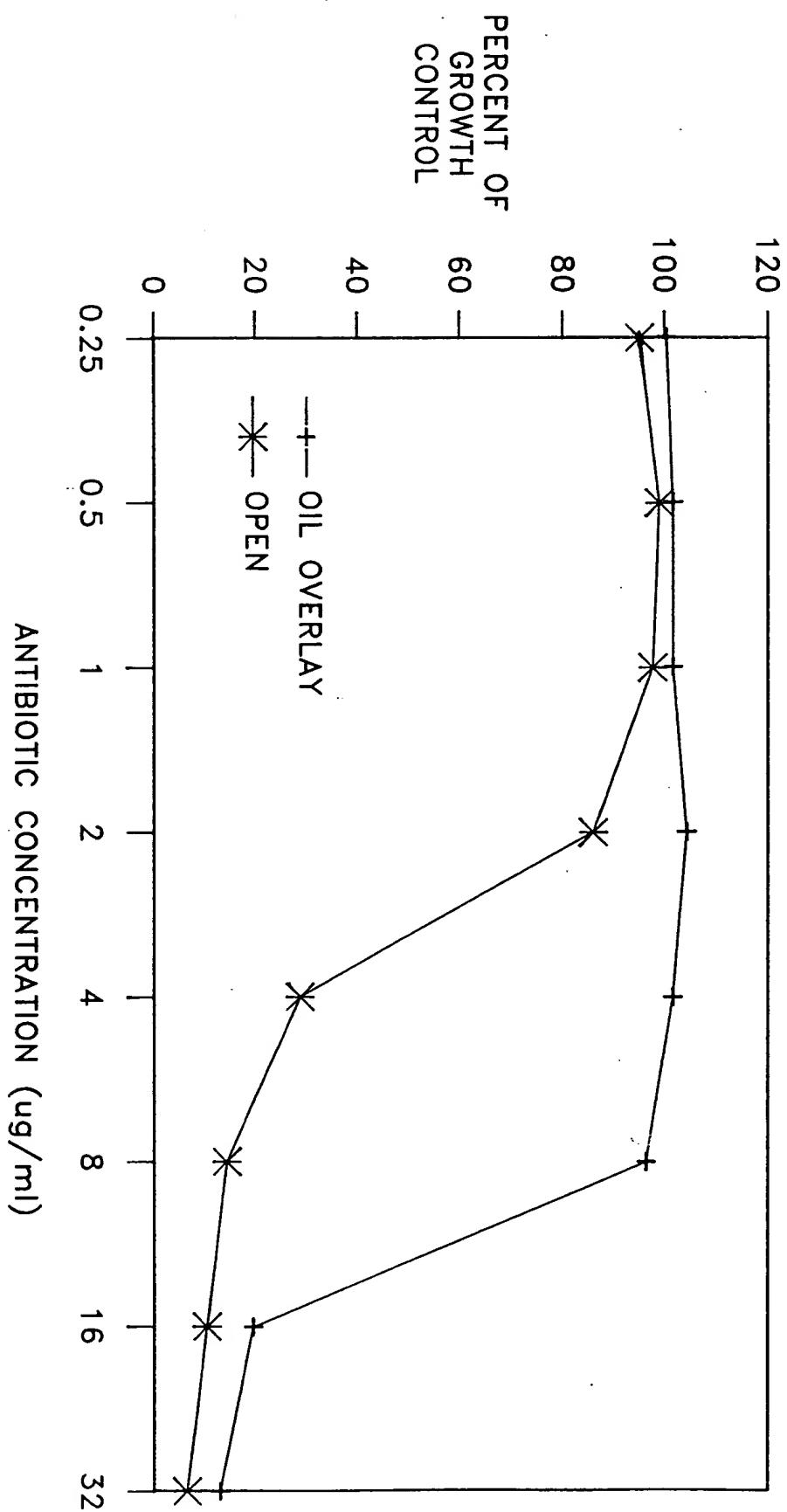


FIG-5B

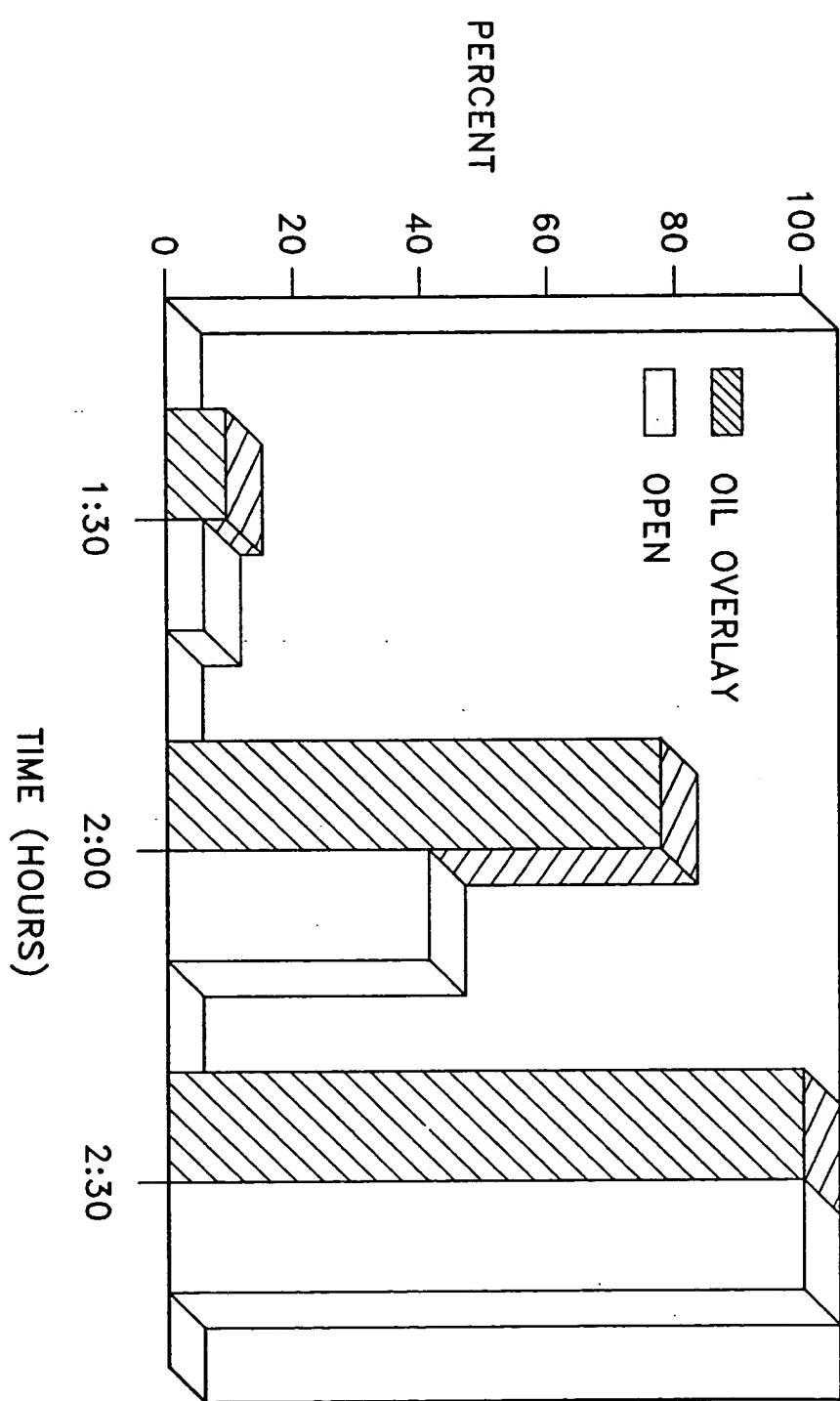


FIG - 6

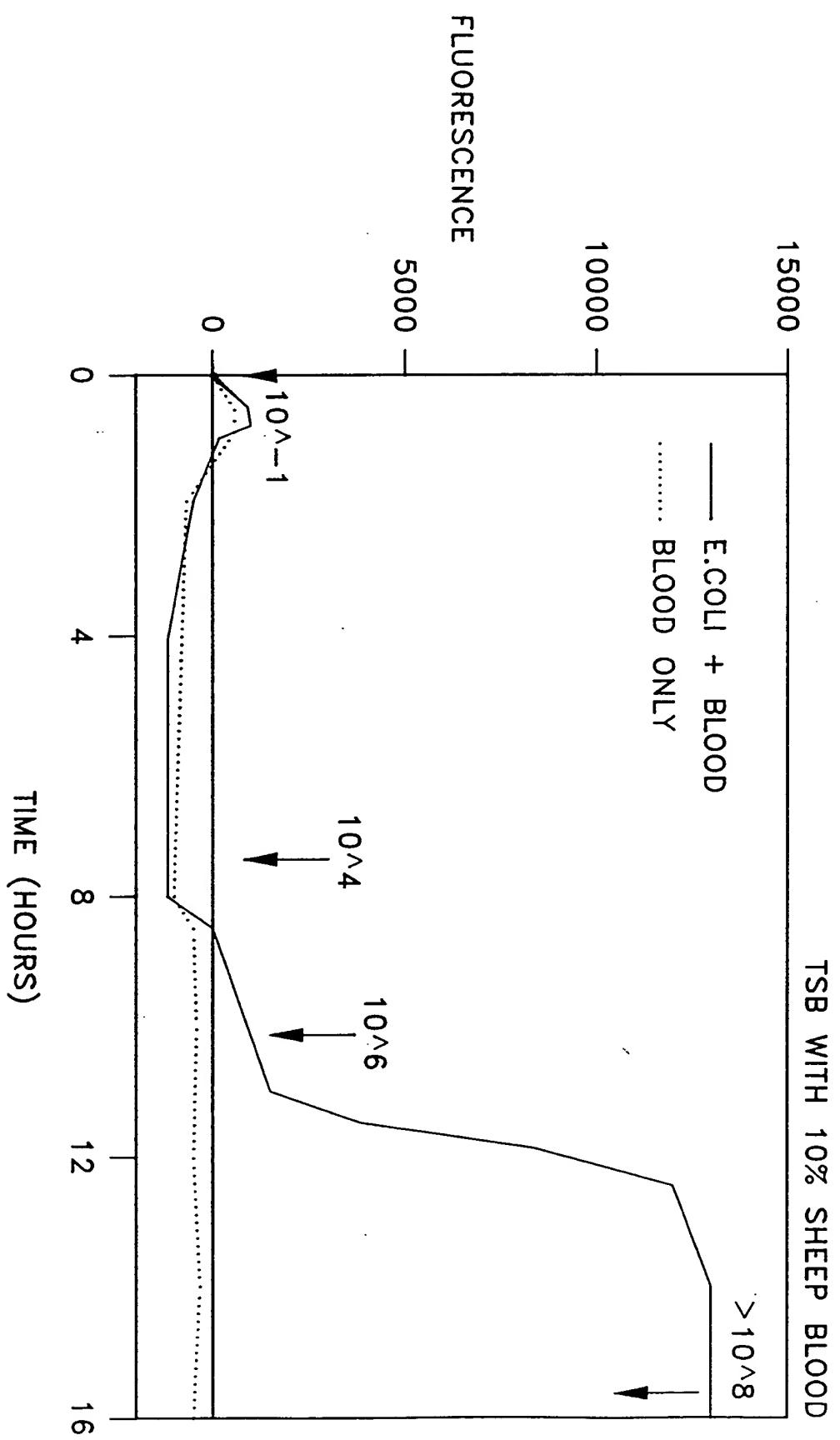


Figure 4 - *P. aeruginosa*

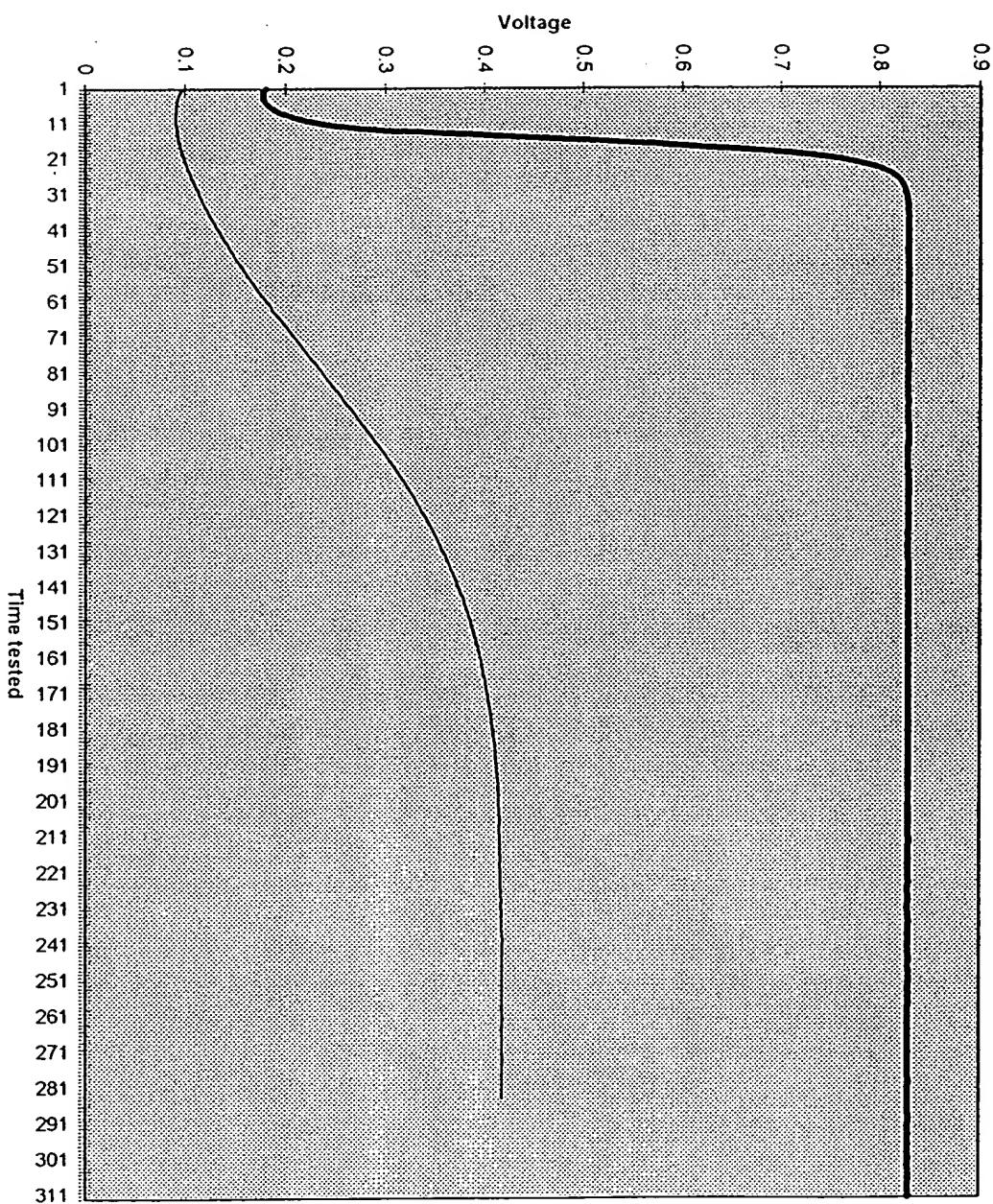


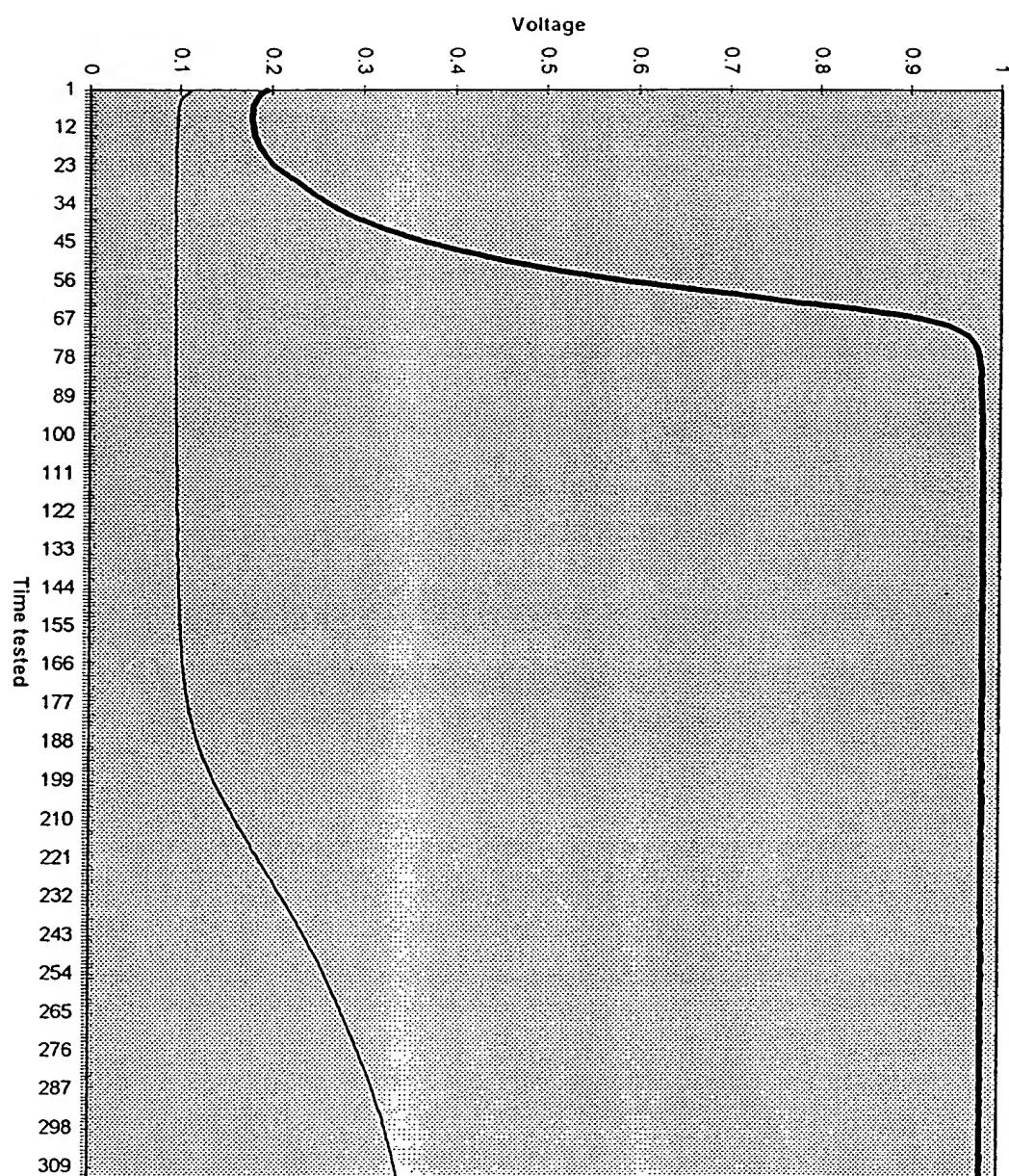
Figure 8- *M. fortuitum*

Figure 9 - E. coli

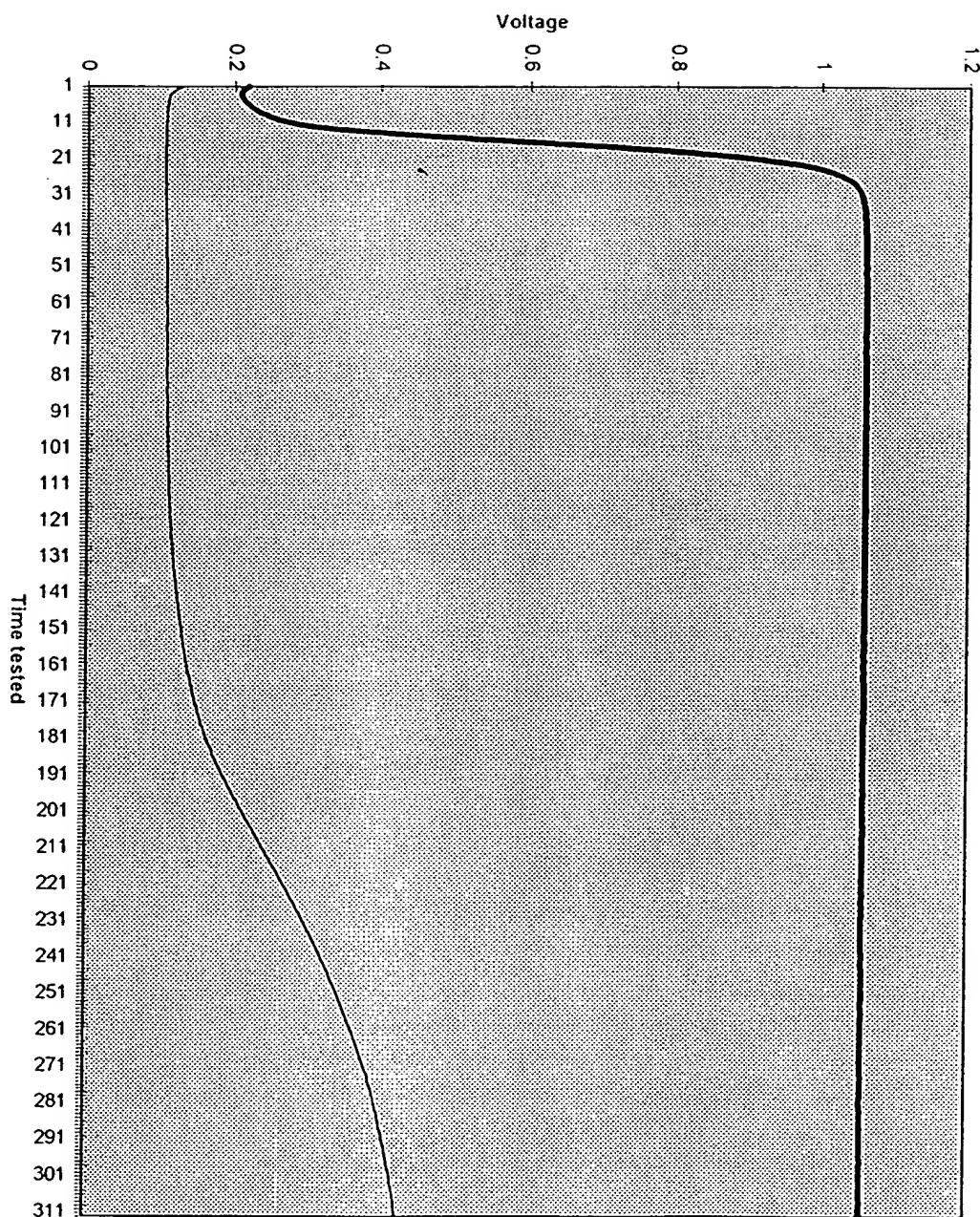


FIG-10

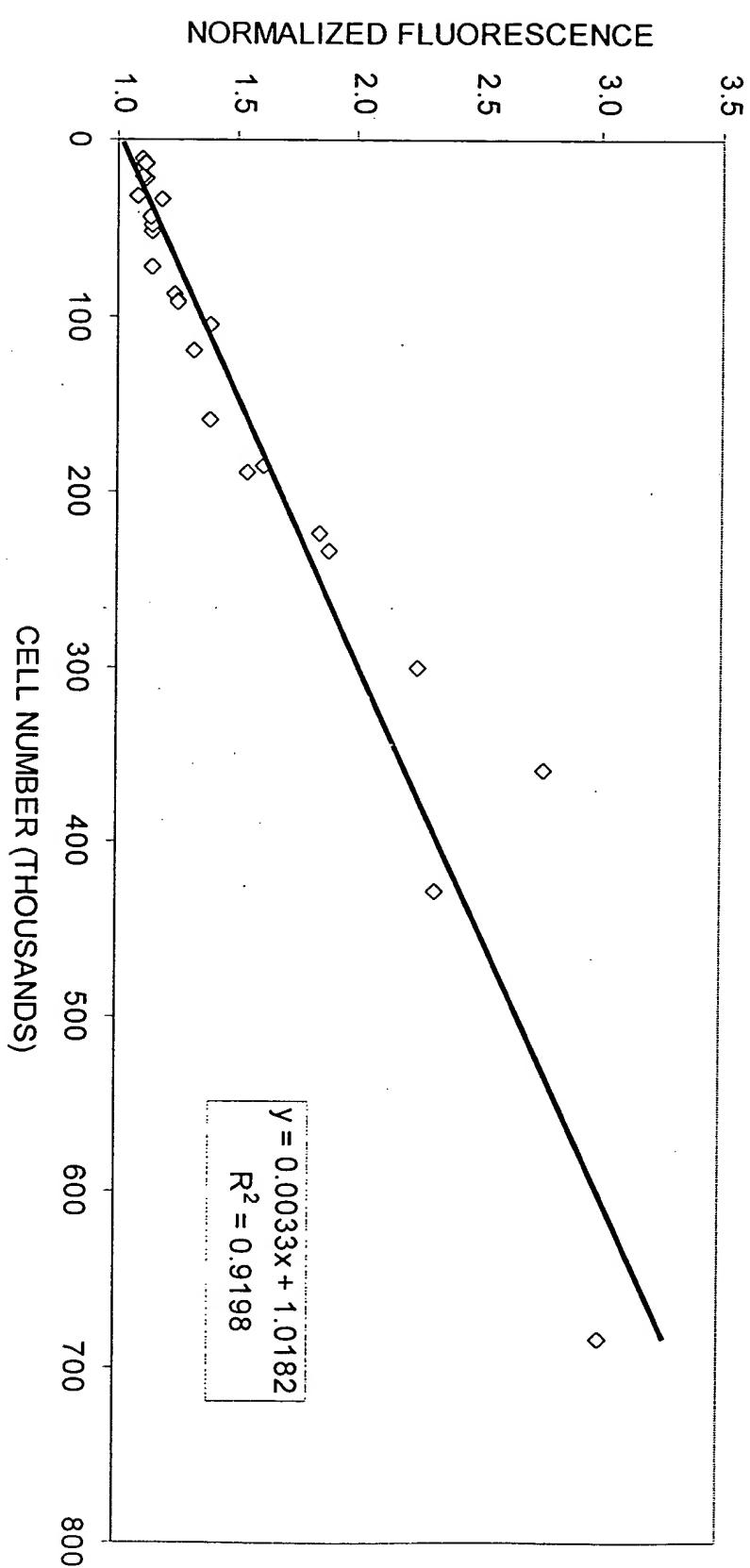


FIG-11

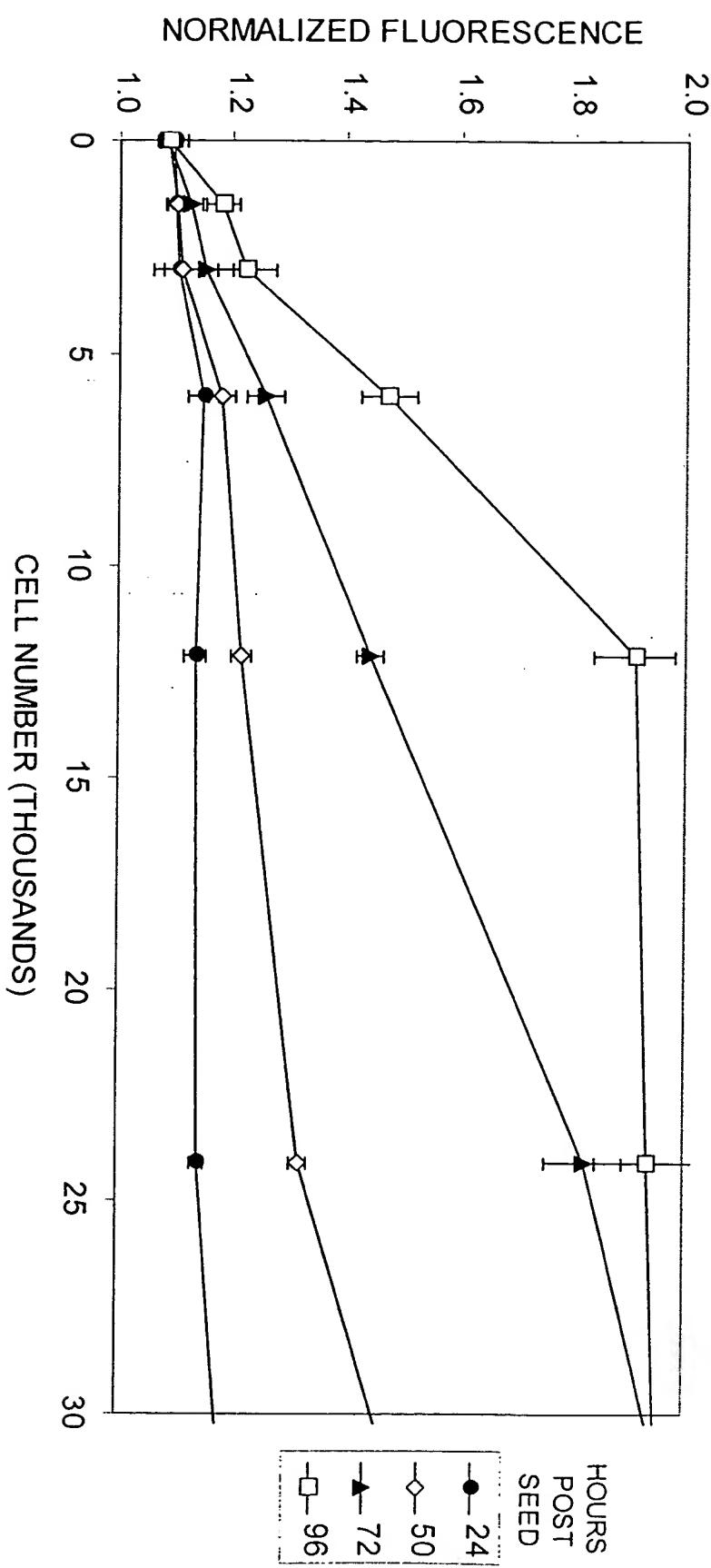


FIG-12

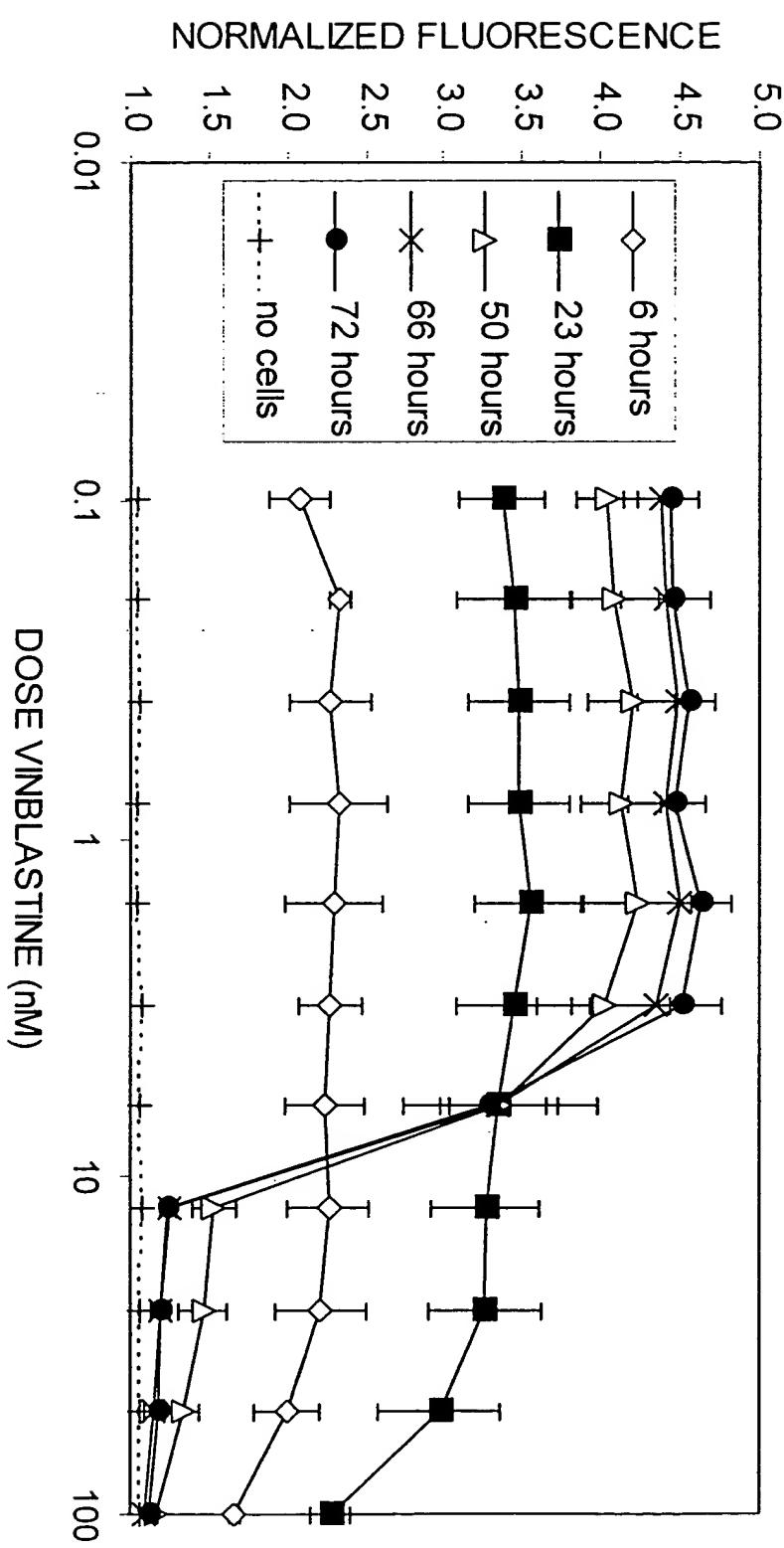


FIG-13

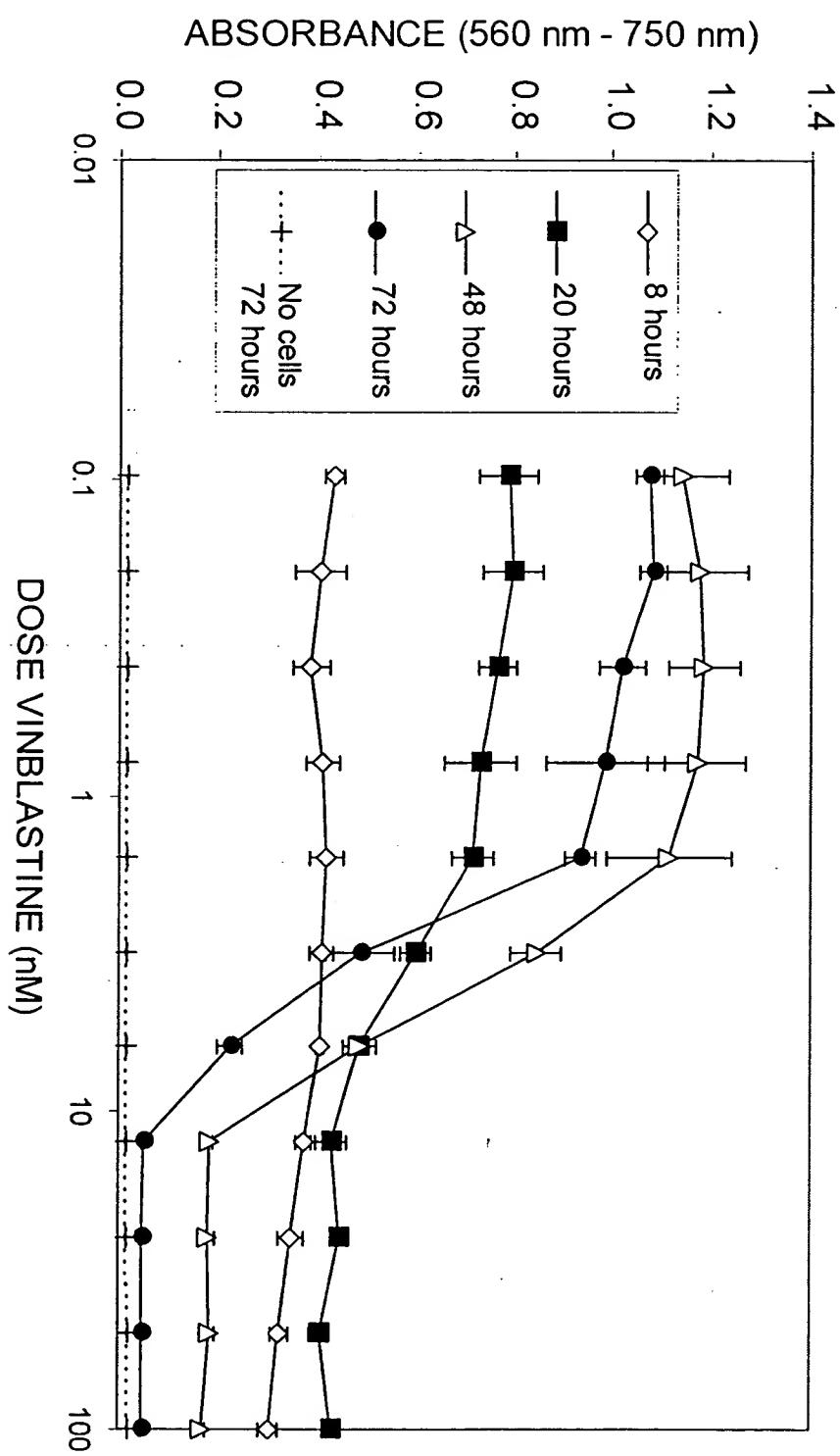


FIG-14

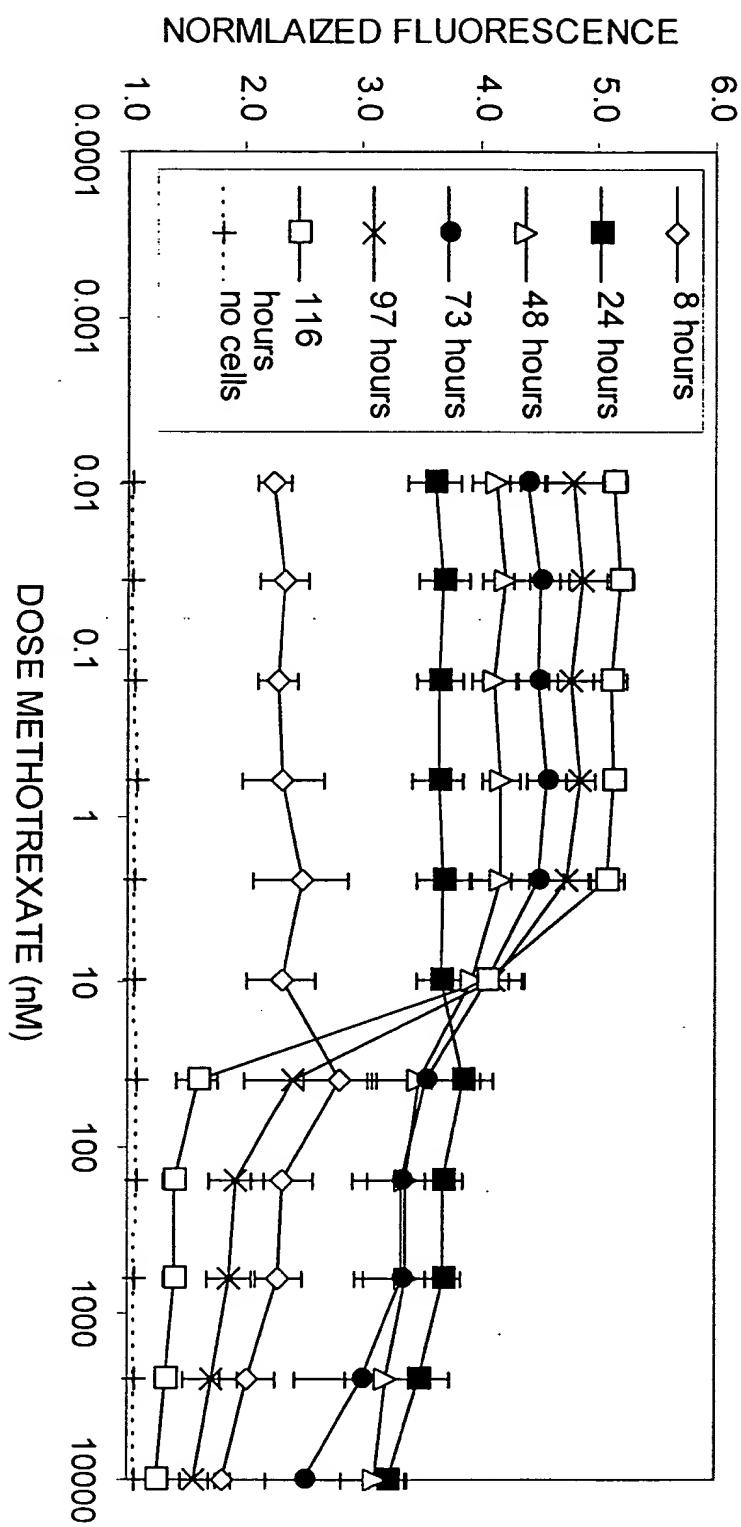


FIG-15

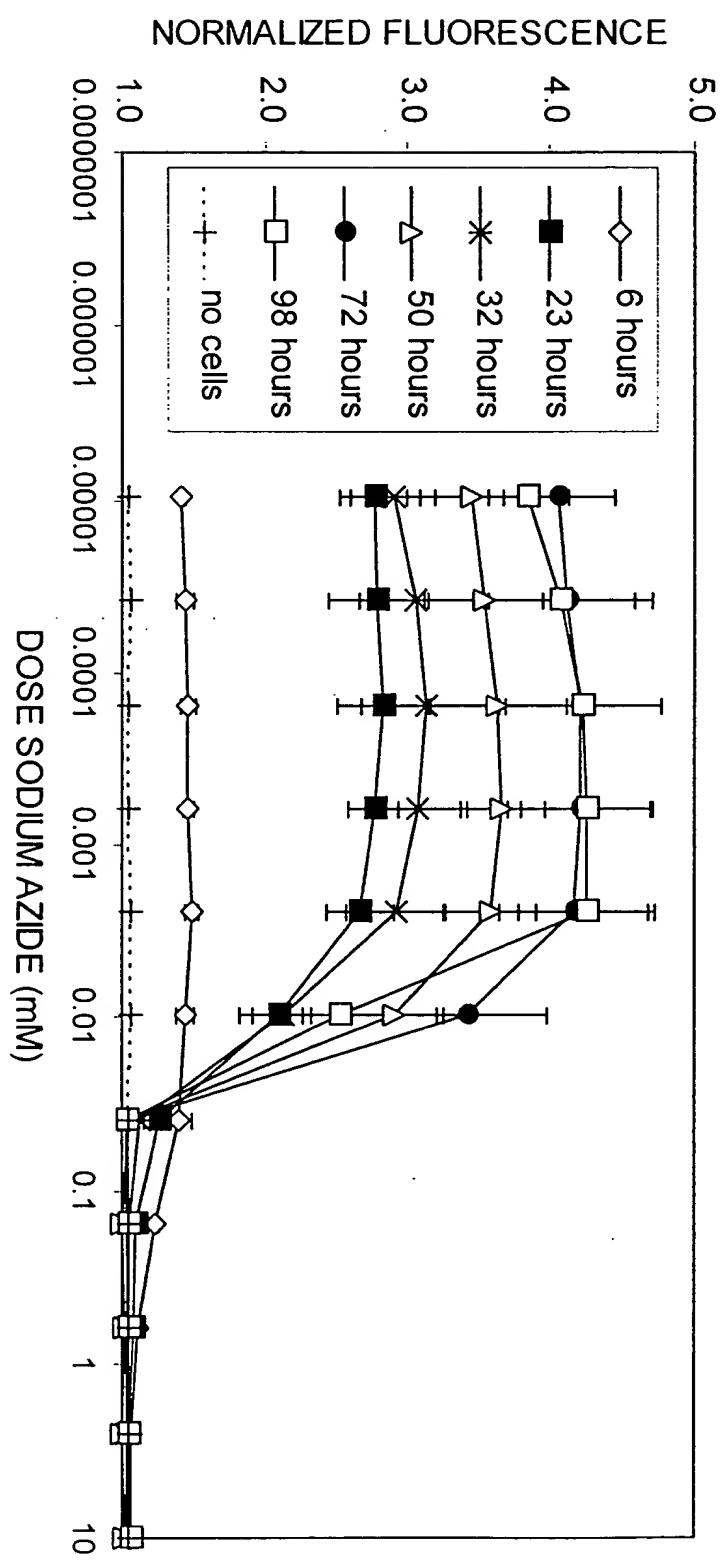


FIG-16

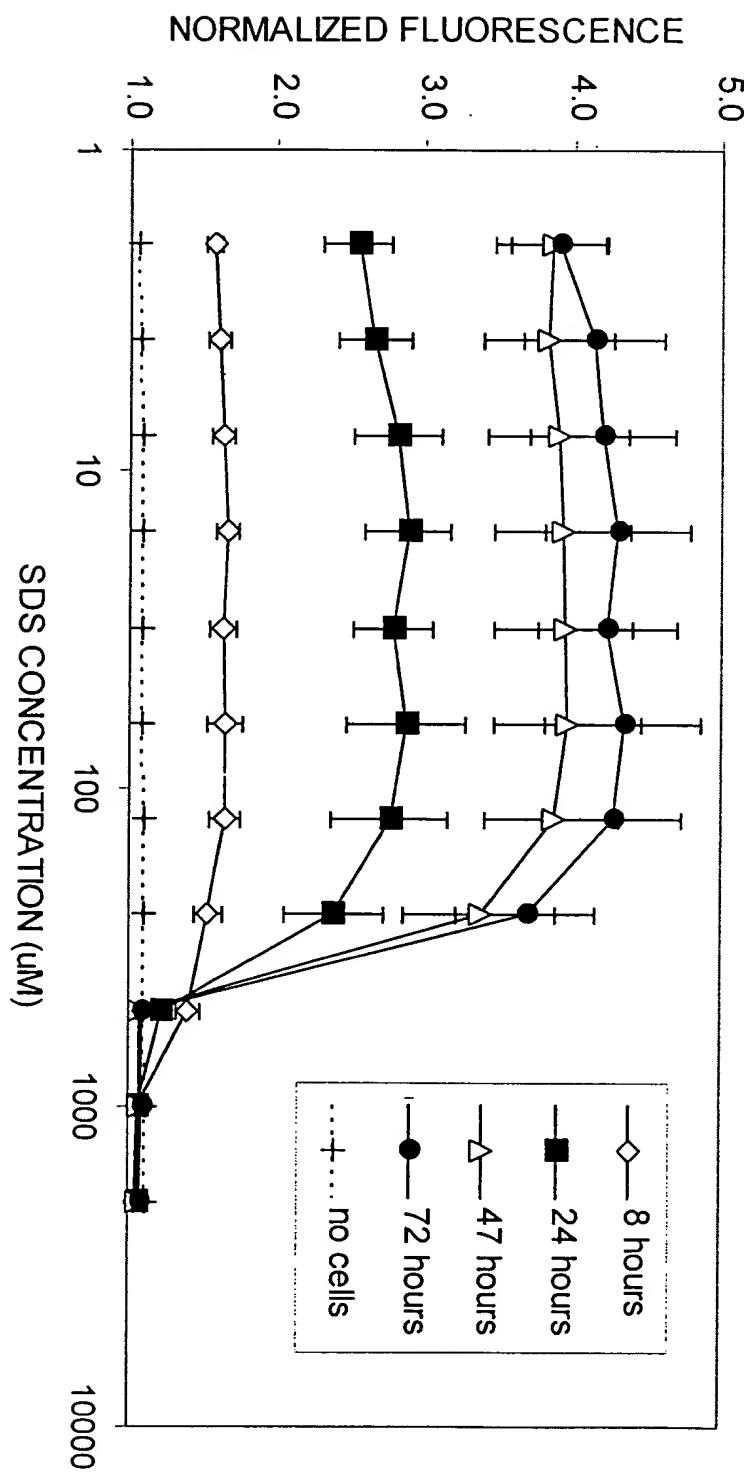


FIG-17

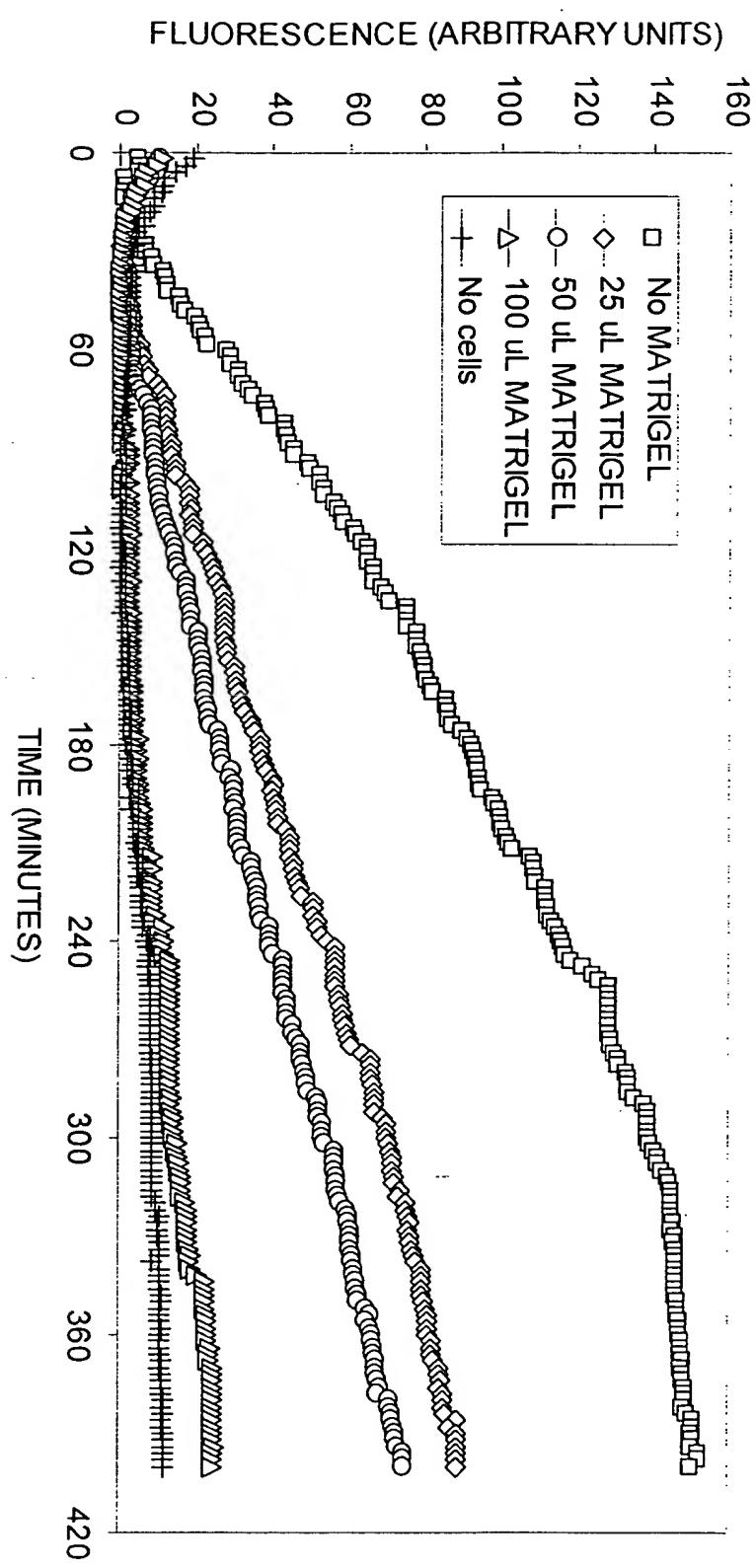


FIG-18A

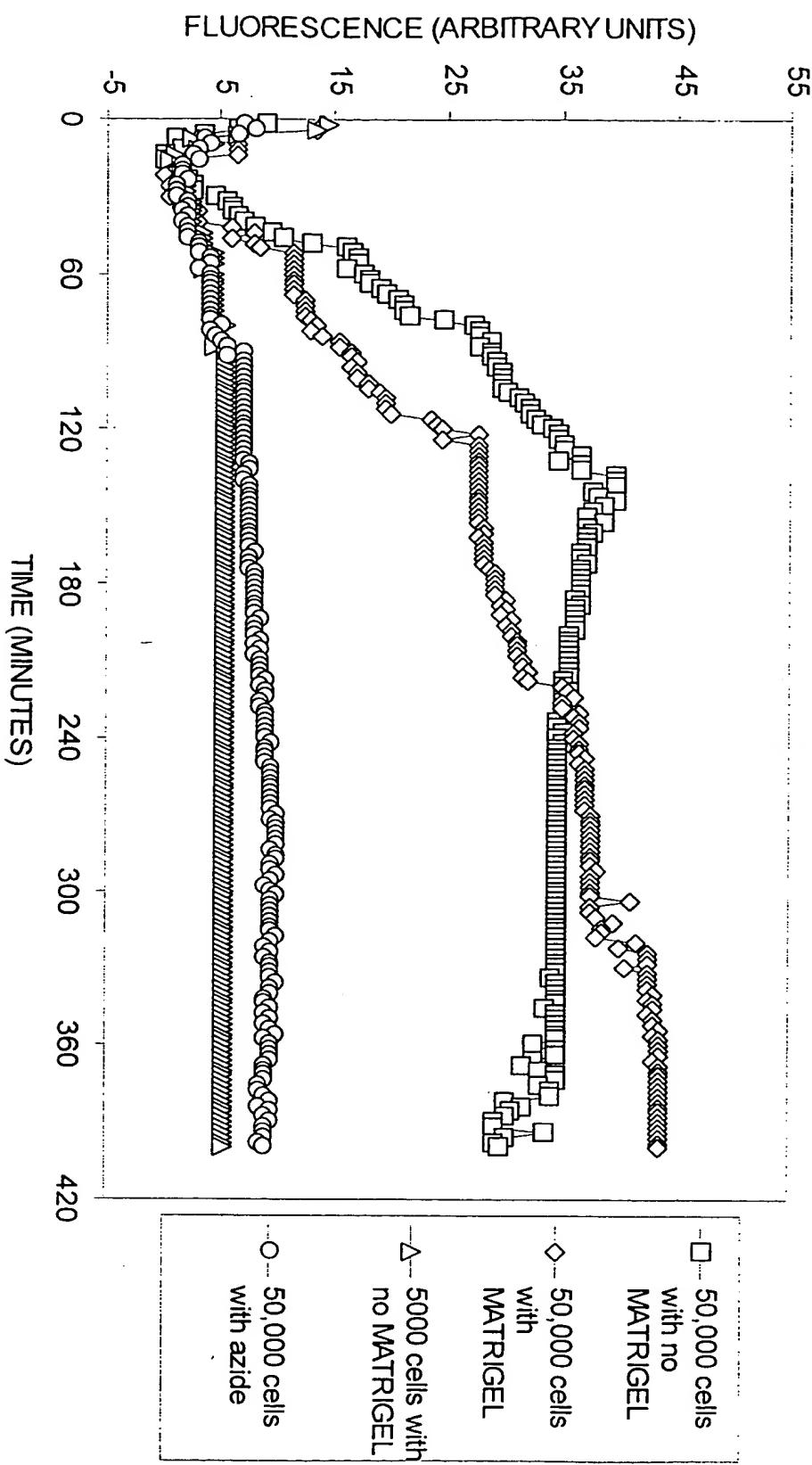


FIG-18B

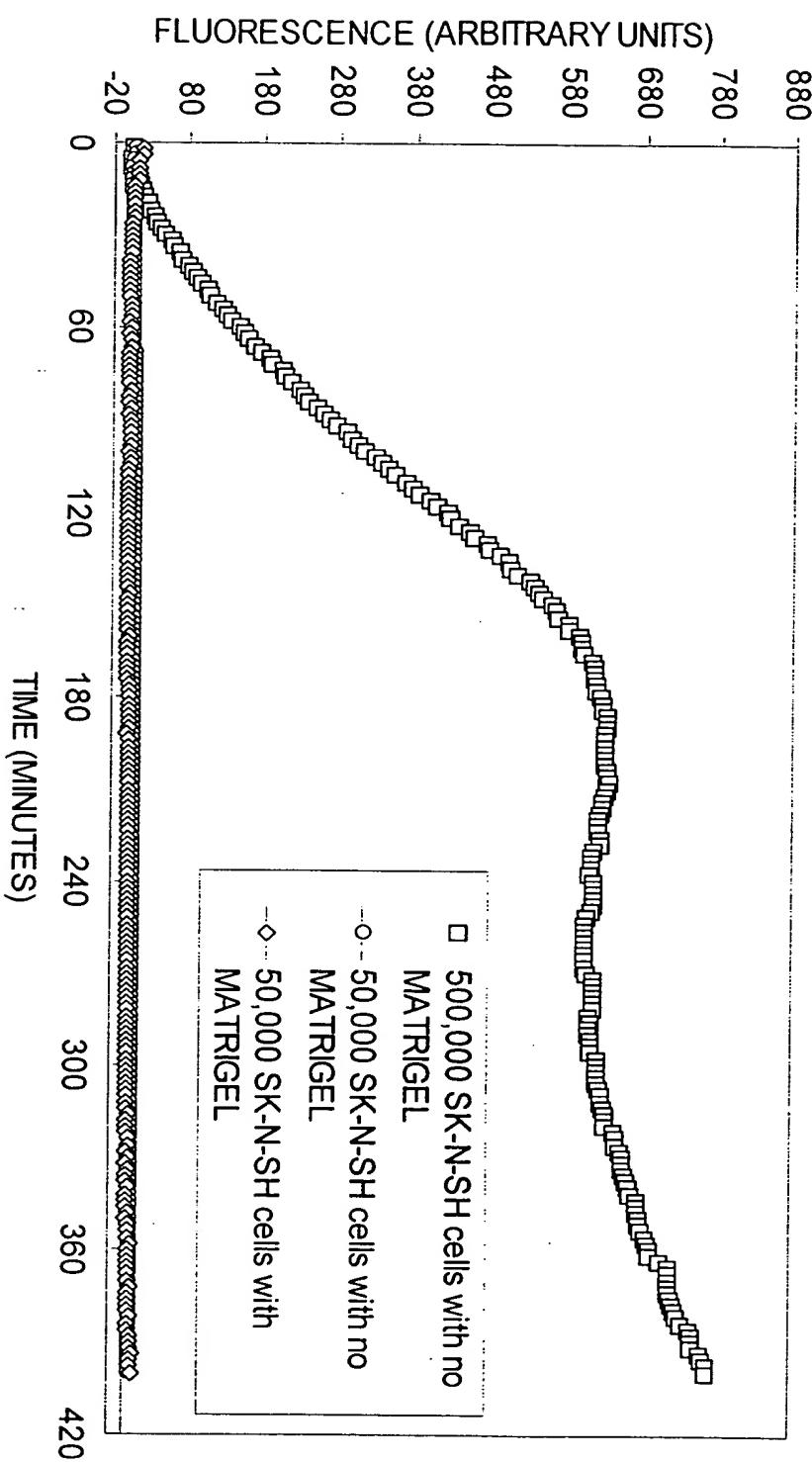


FIG-18C

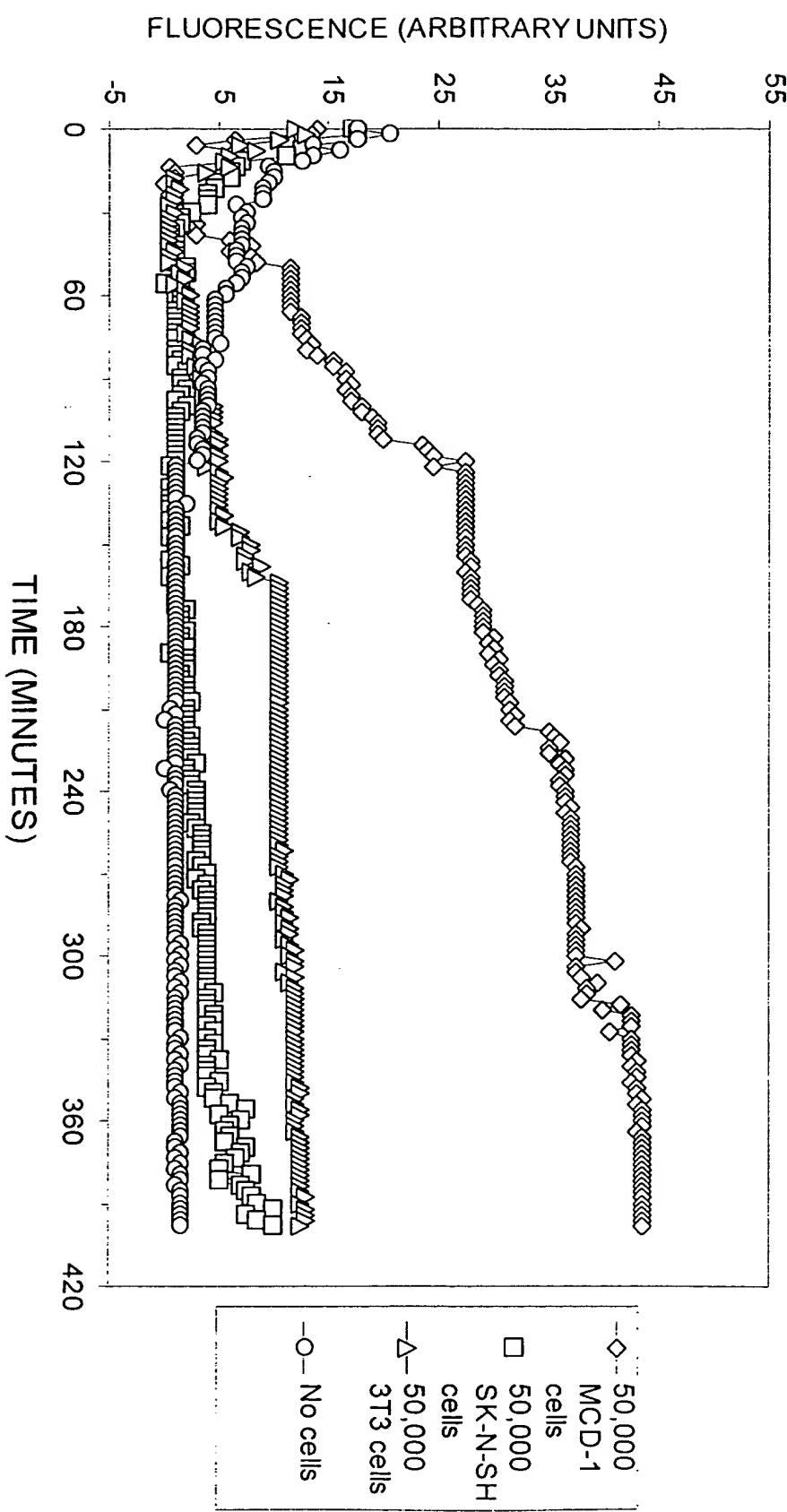
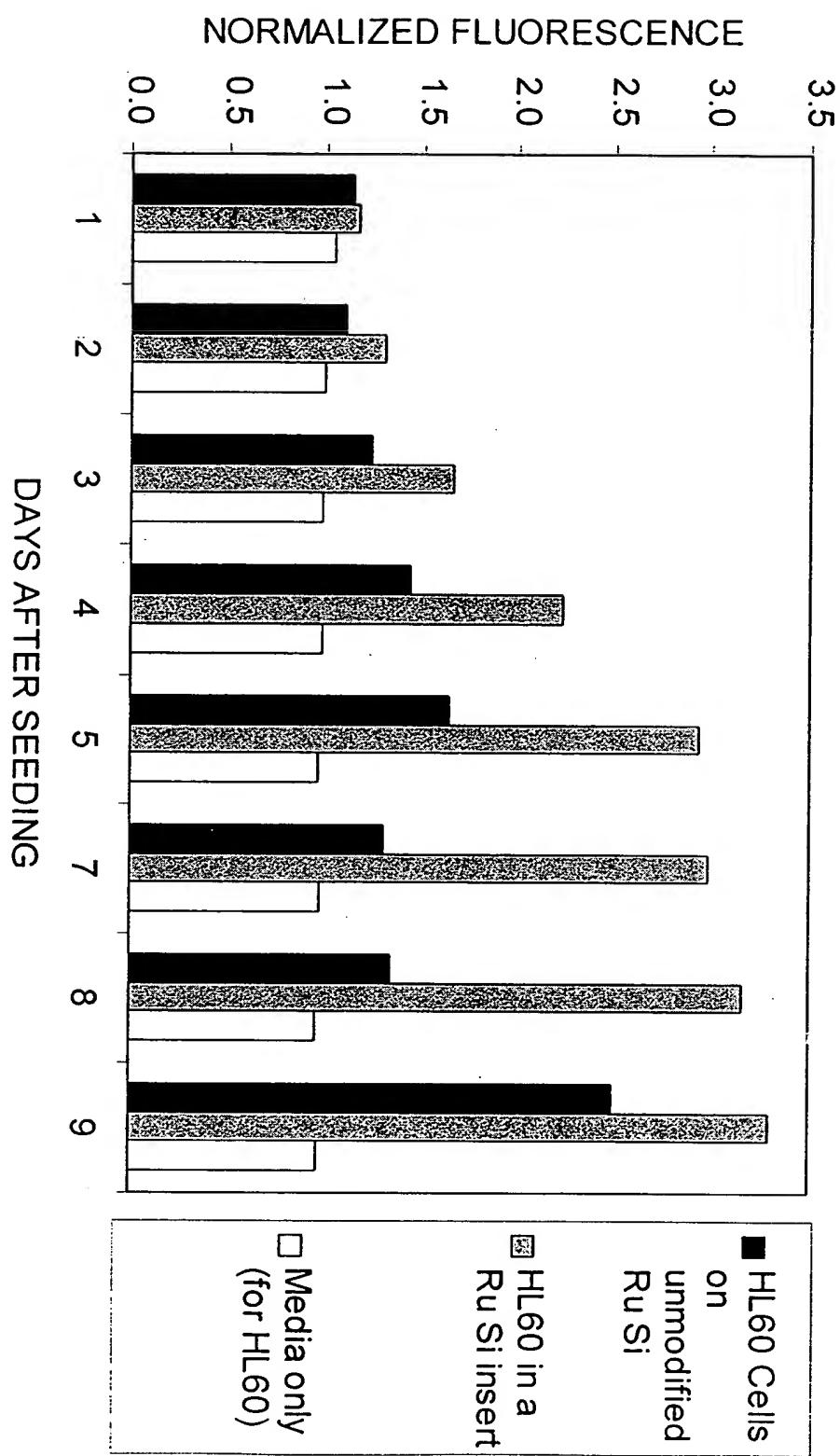


FIG-19A.



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FIG-19B

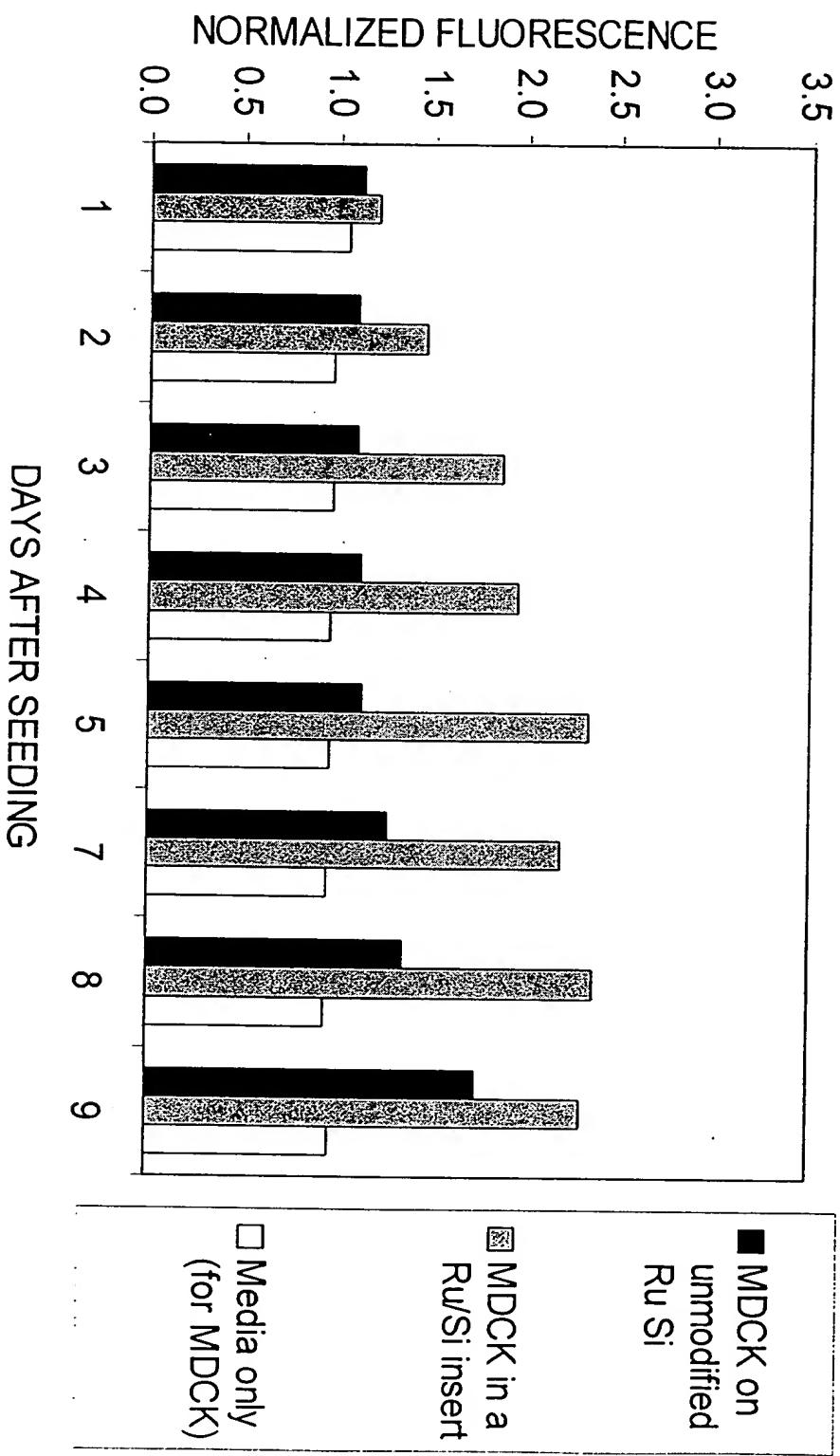


FIG-20

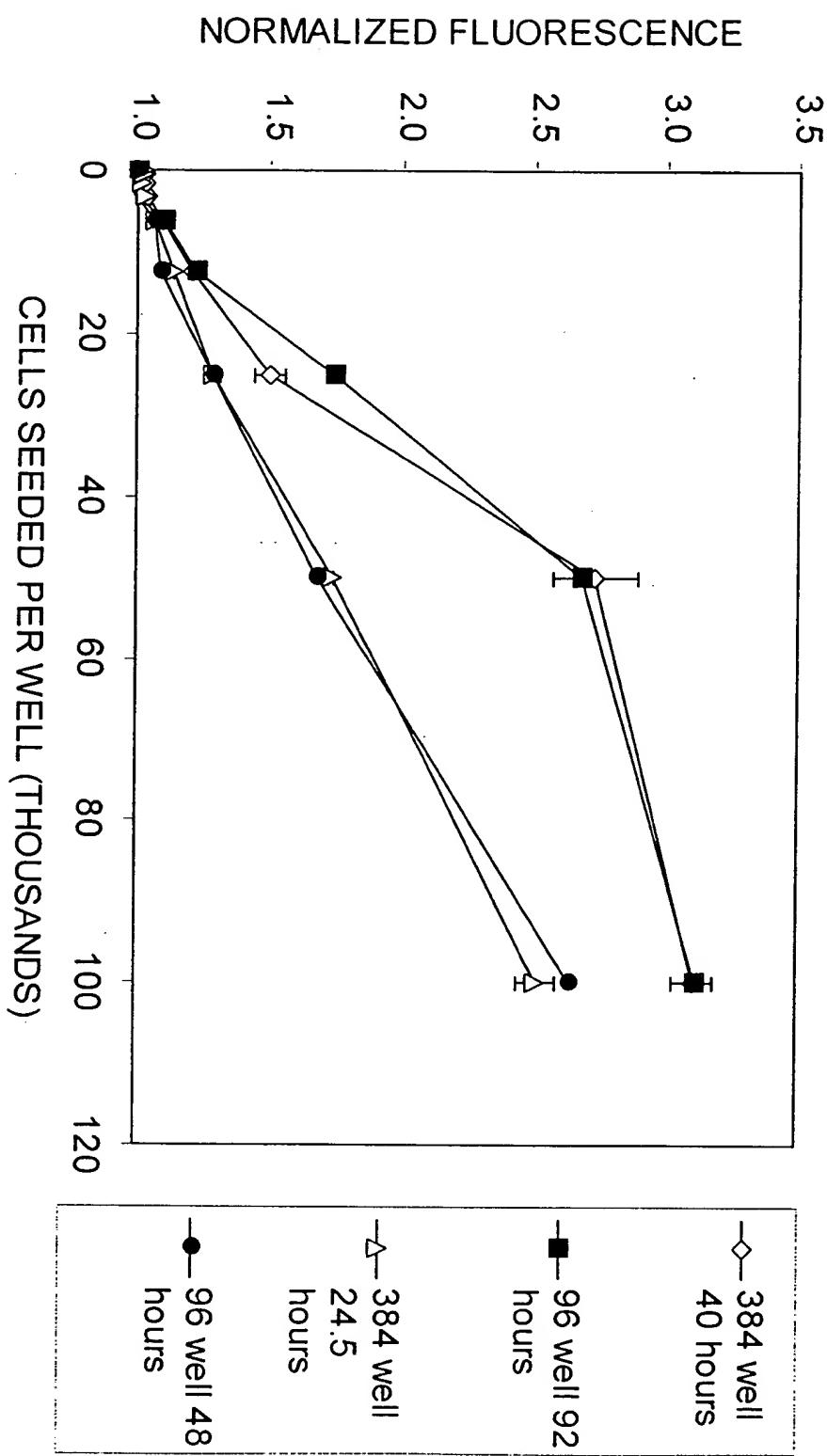


FIG-21

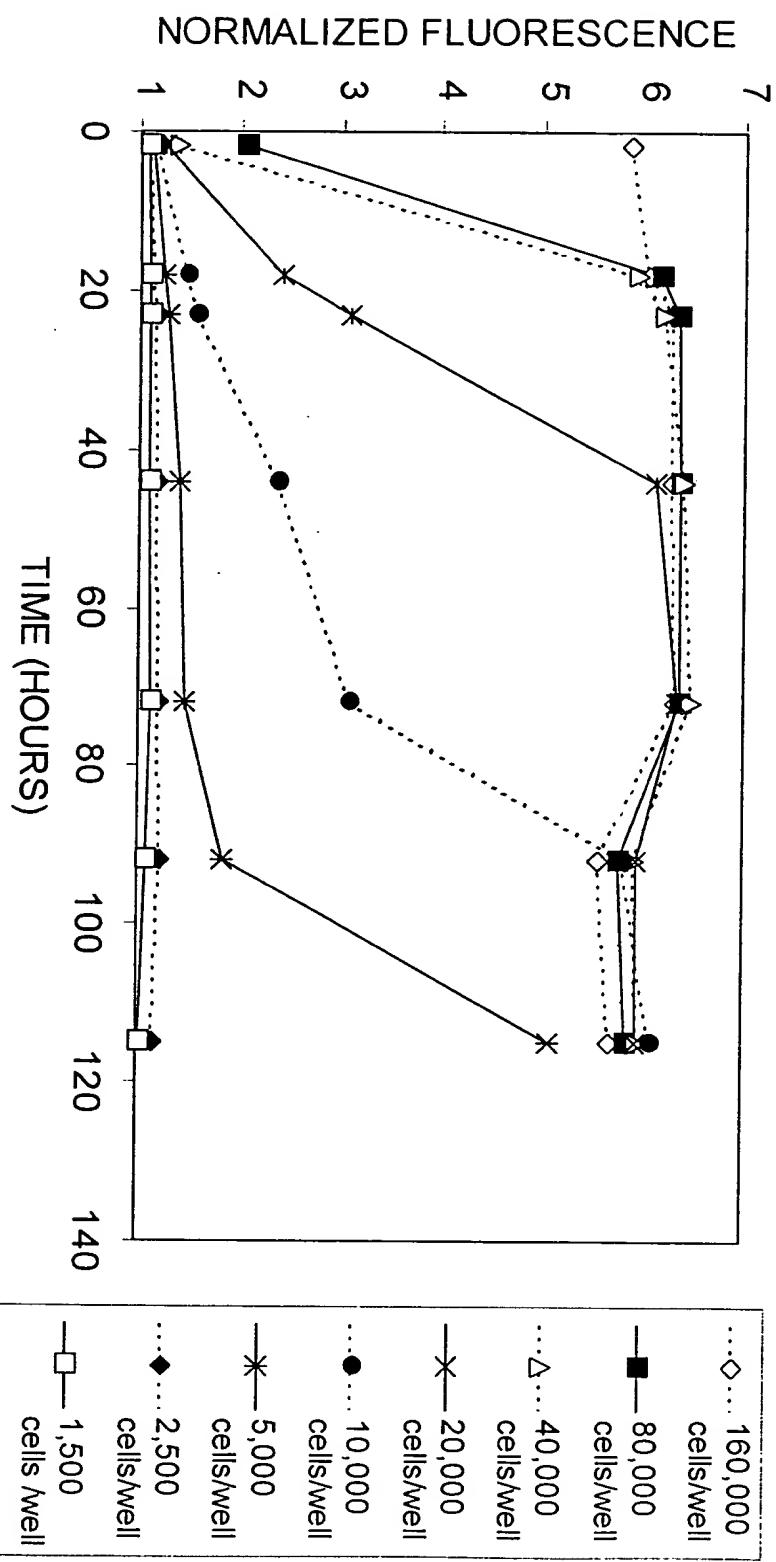


FIG-22

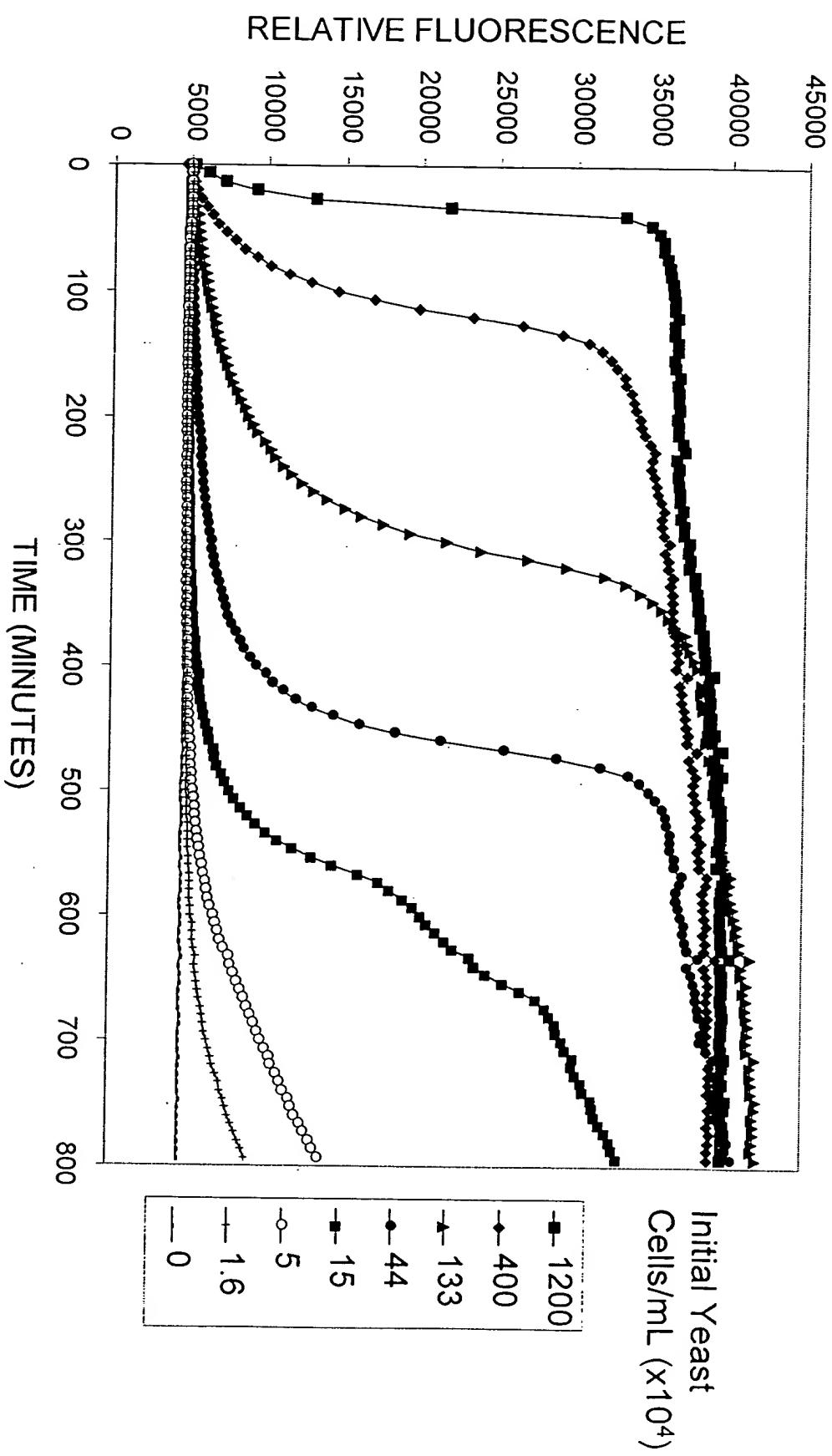
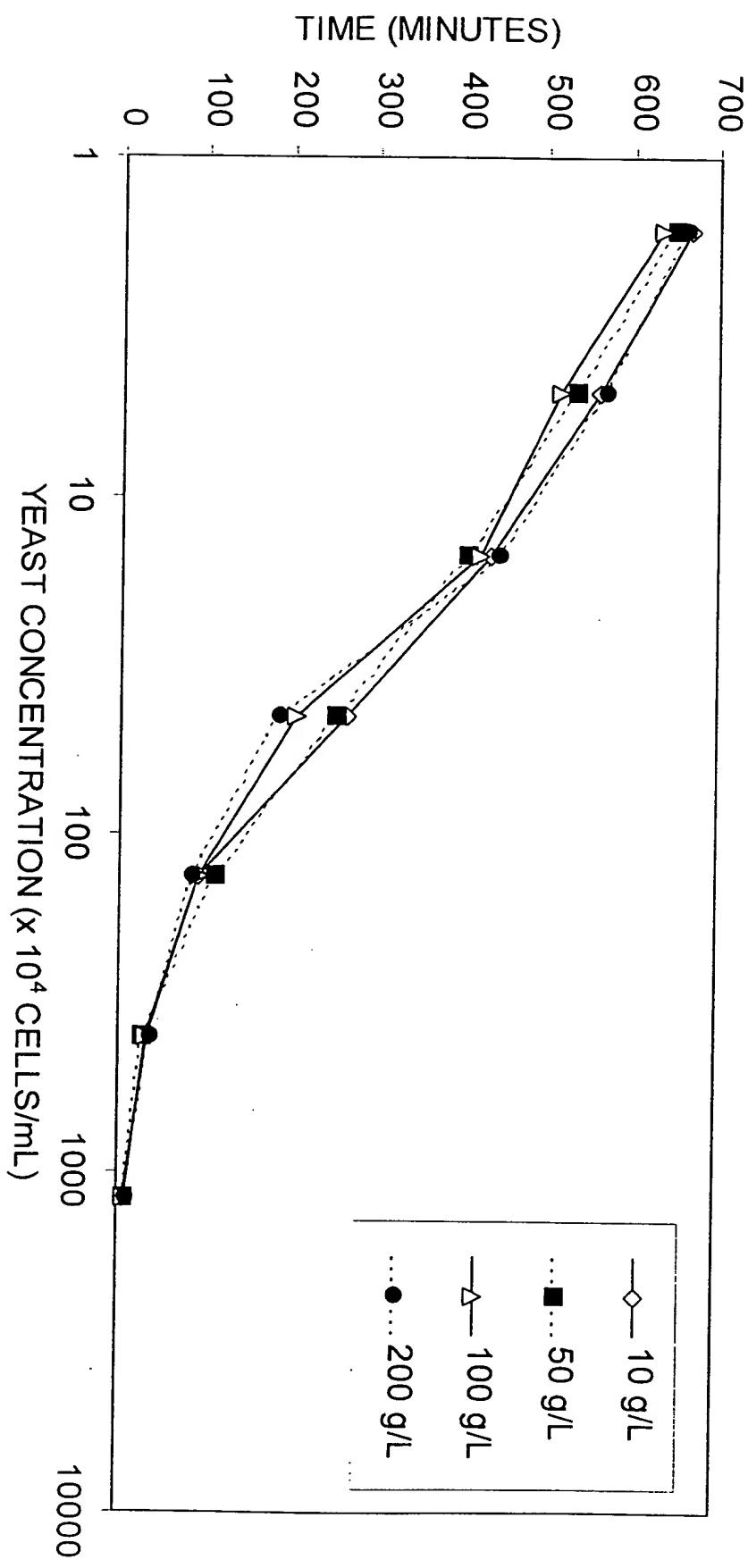


FIG-23



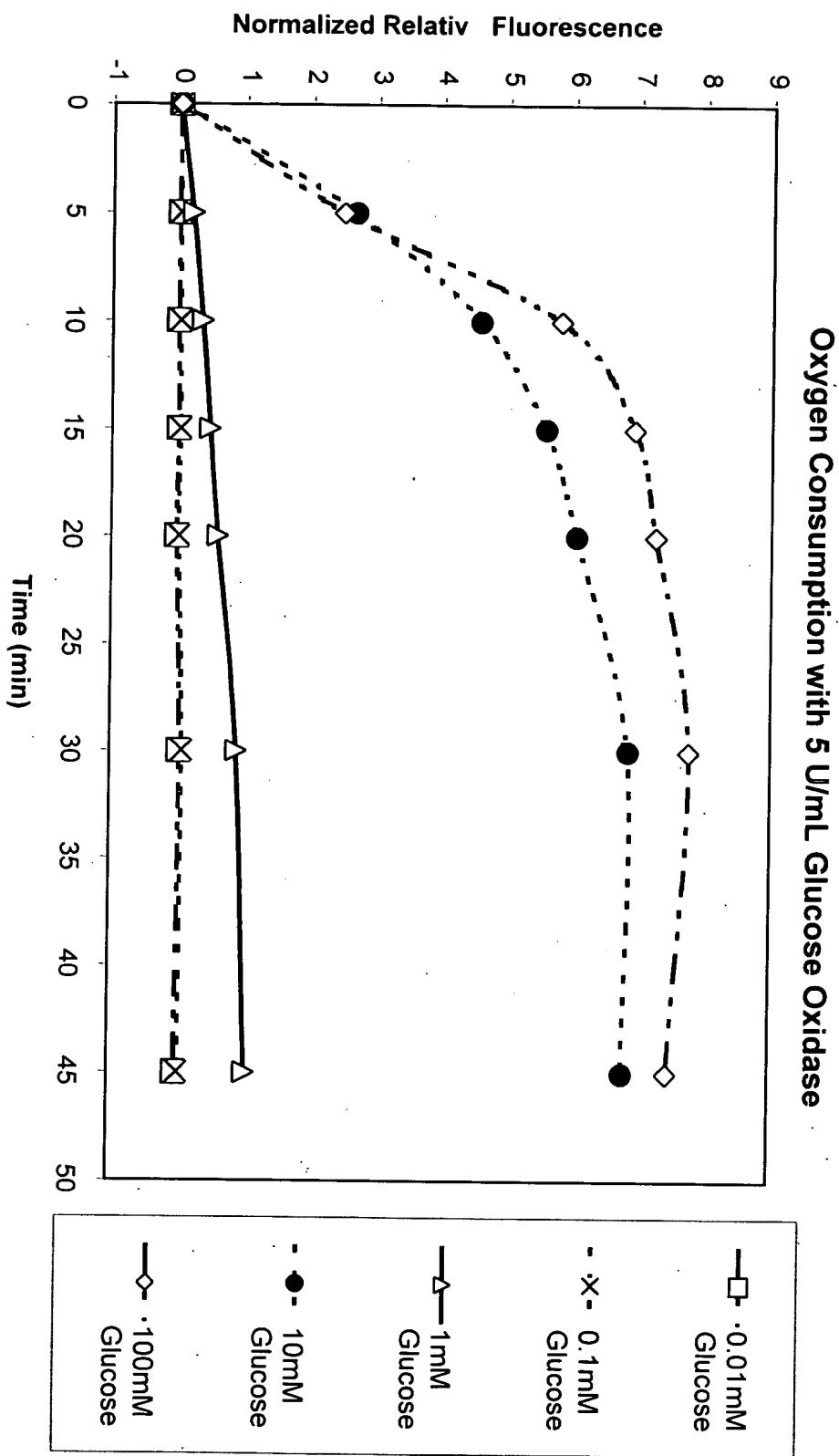


Fig. 24

**Equilibrium Fluorescence Signal
as a Function of Glucose and Glucose Oxidase Concentrations**

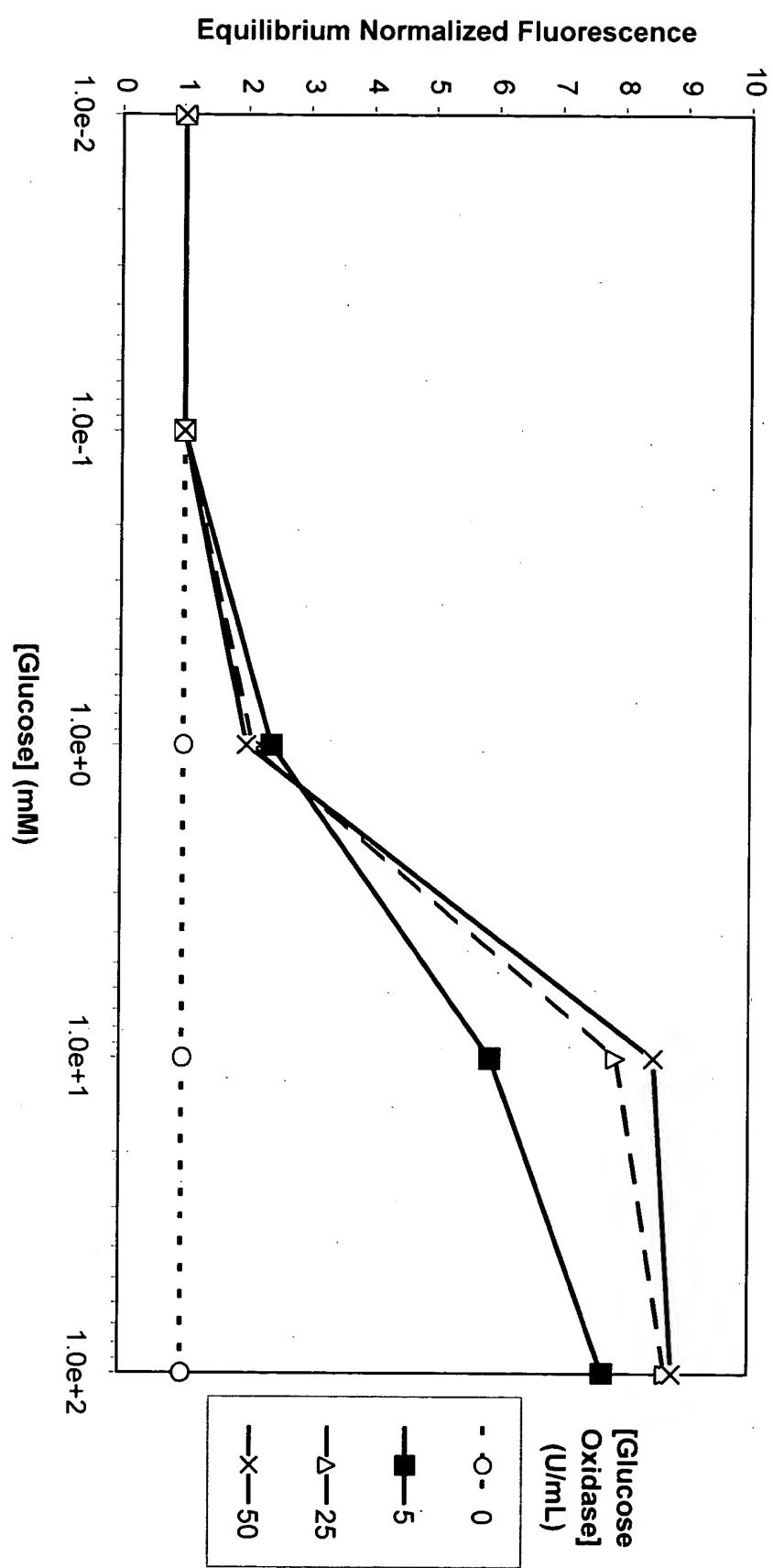


Fig. 25

Oxygen Sensor Signal from 2C9 in Absence of Substrate

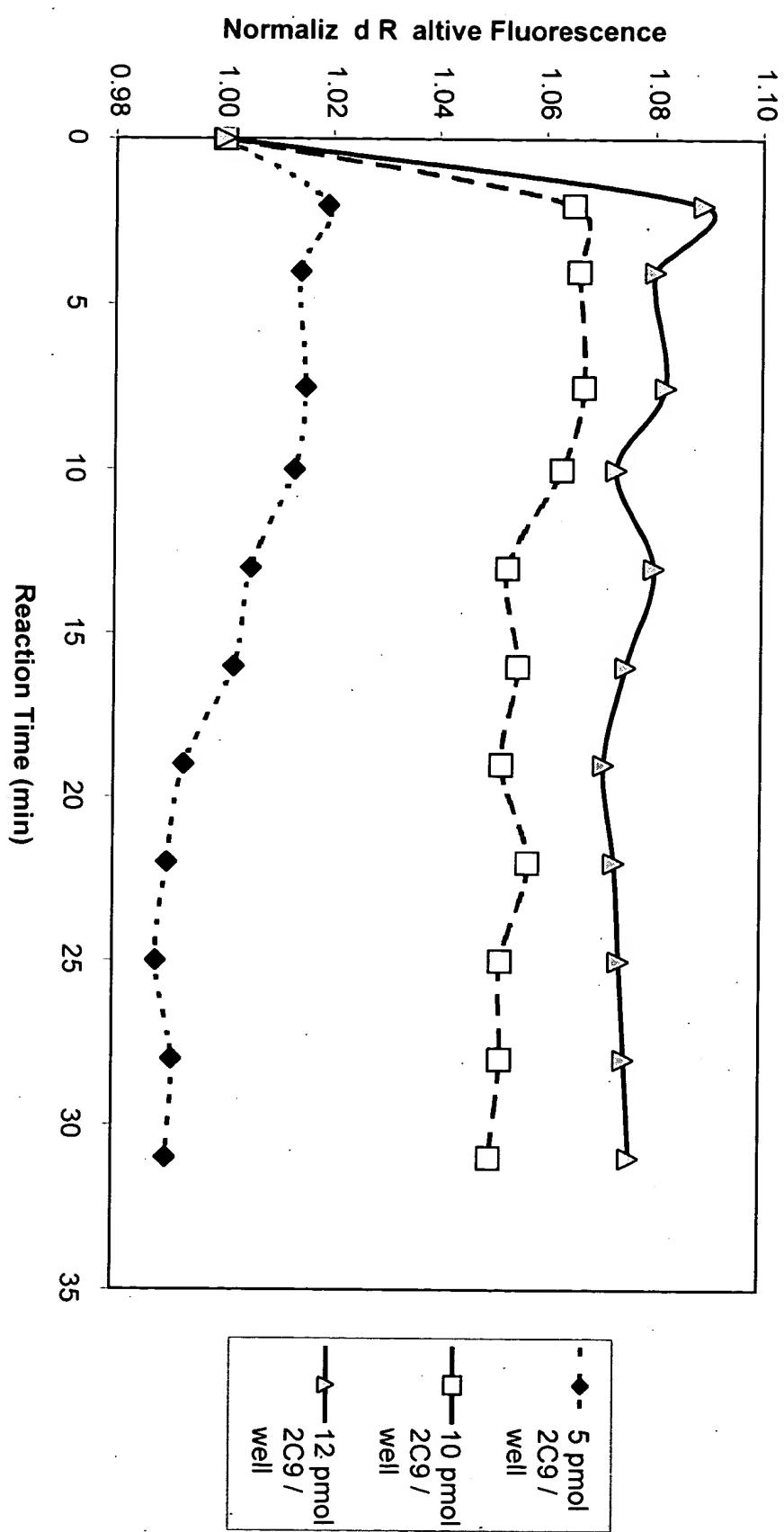


Fig. 26

Oxygen Sensor Signal from CYP 2C9 with and without Diclofenac Substrate

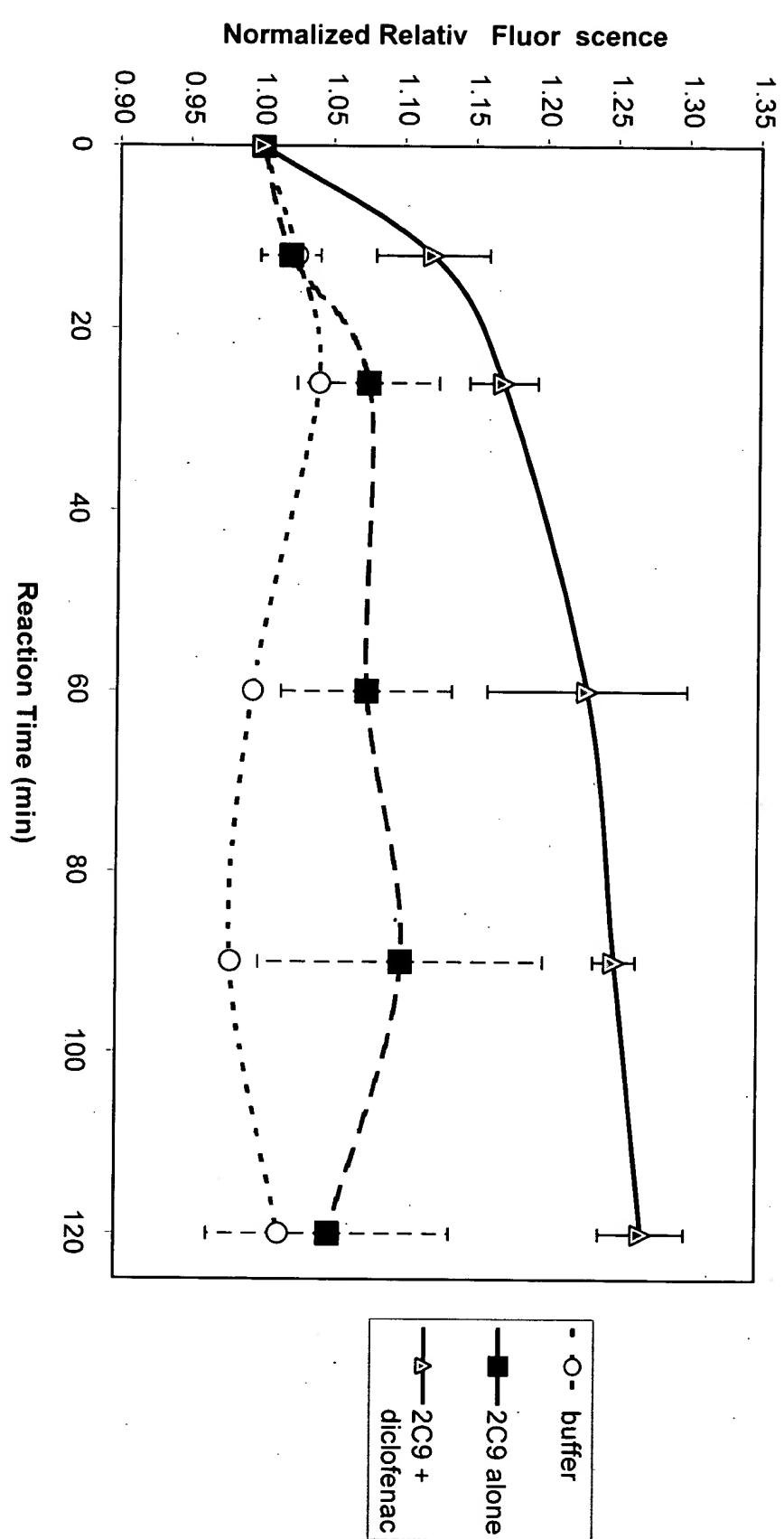


Fig 27

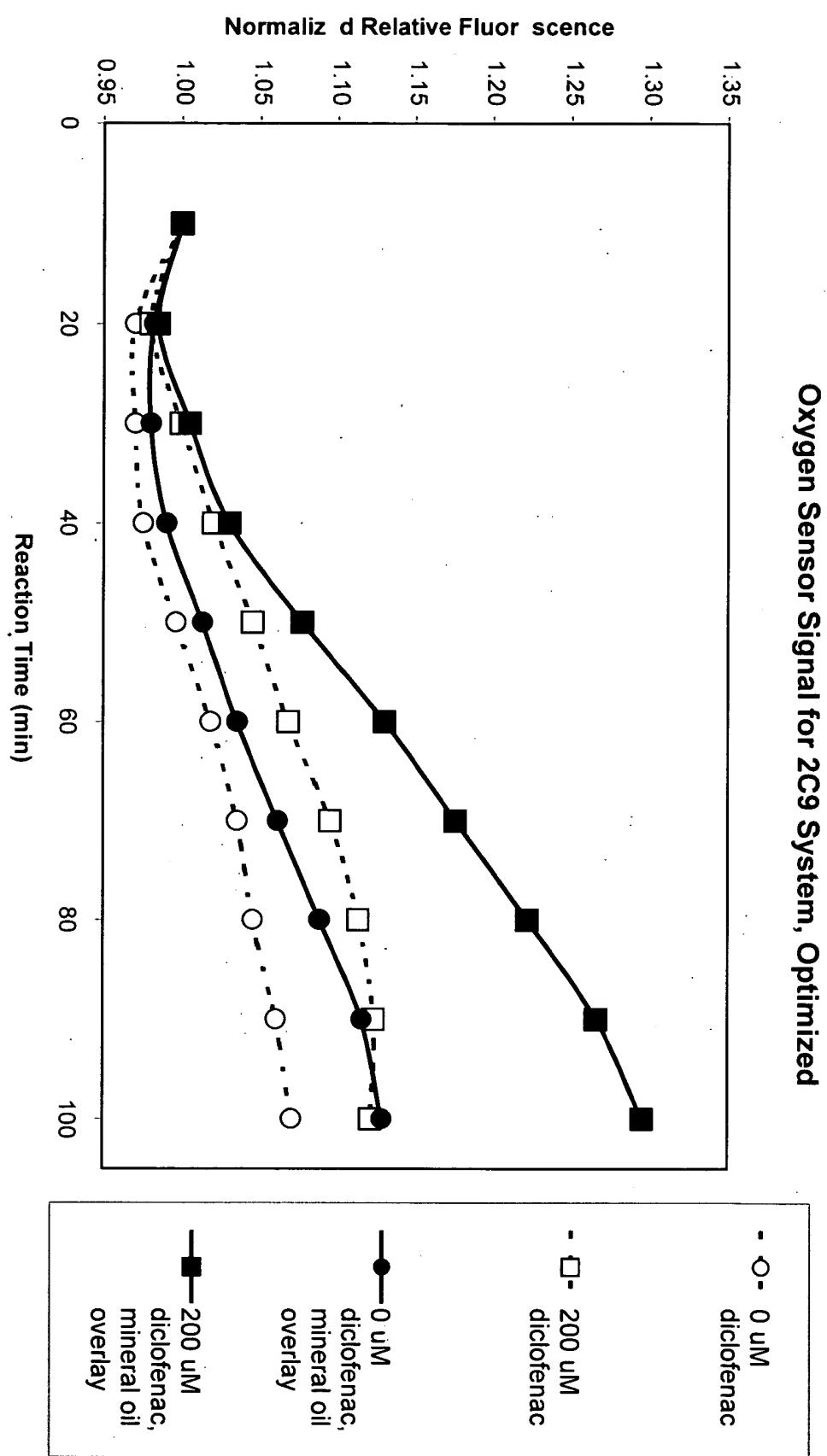


Fig. 28

Inhibition of 2C9 Oxygen Sensor Signal by Sulphaphenazole

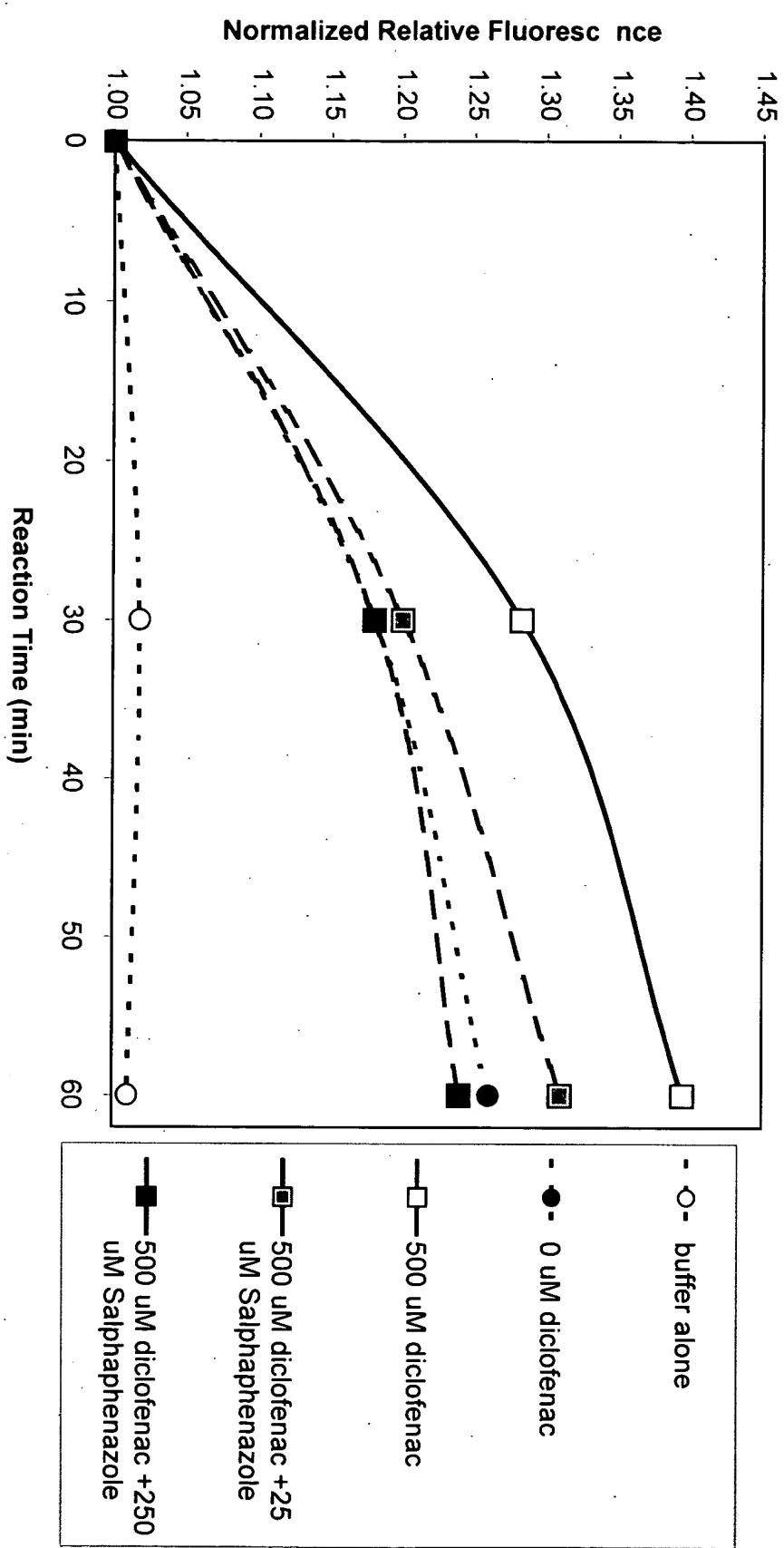


Fig. 29

Oxygen Consumption During 2C9 Metabolism of Ibuprofen

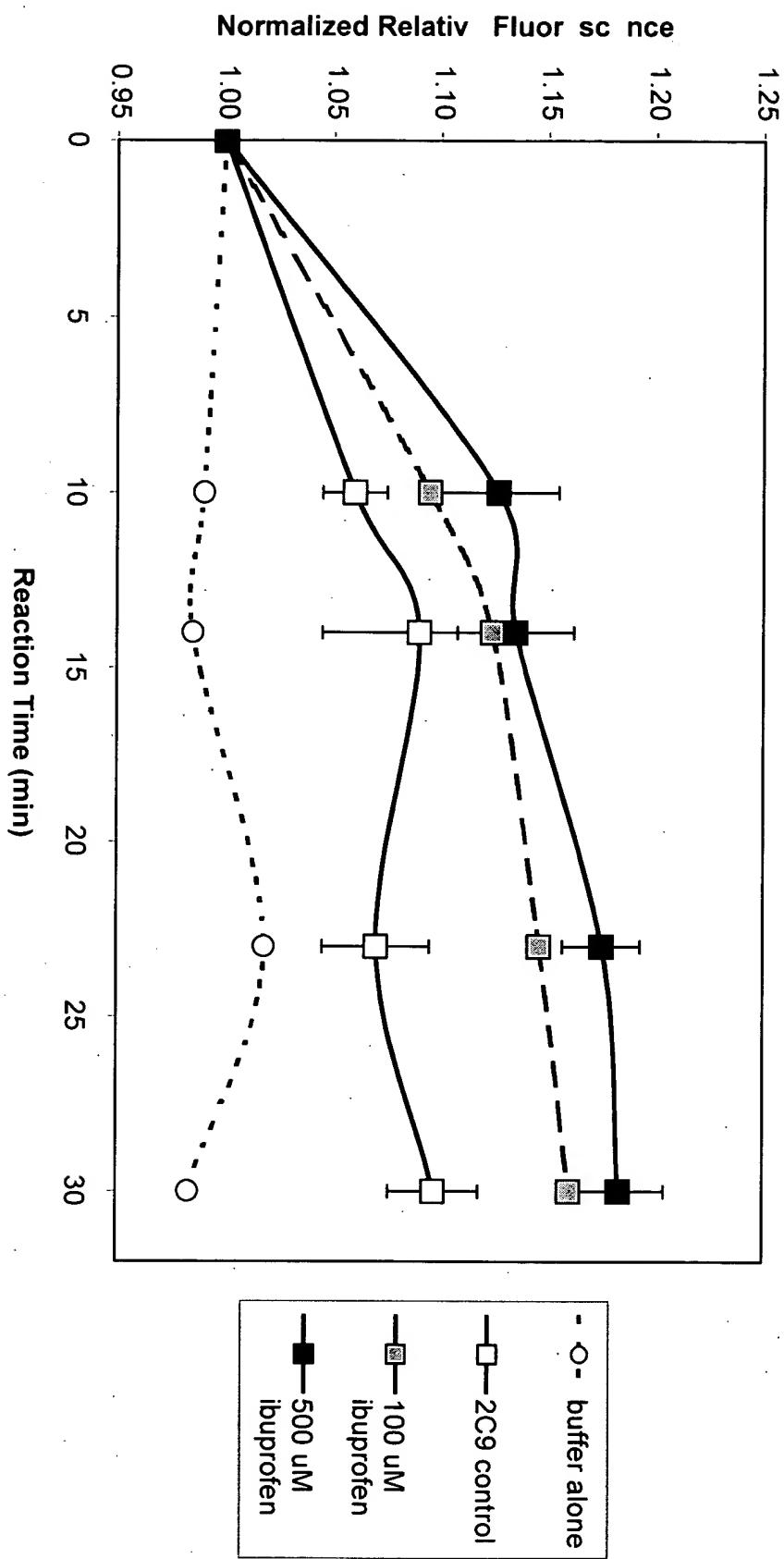


Fig. 30

Detection of Peroxide as a Function of Ibuprofen Concentration

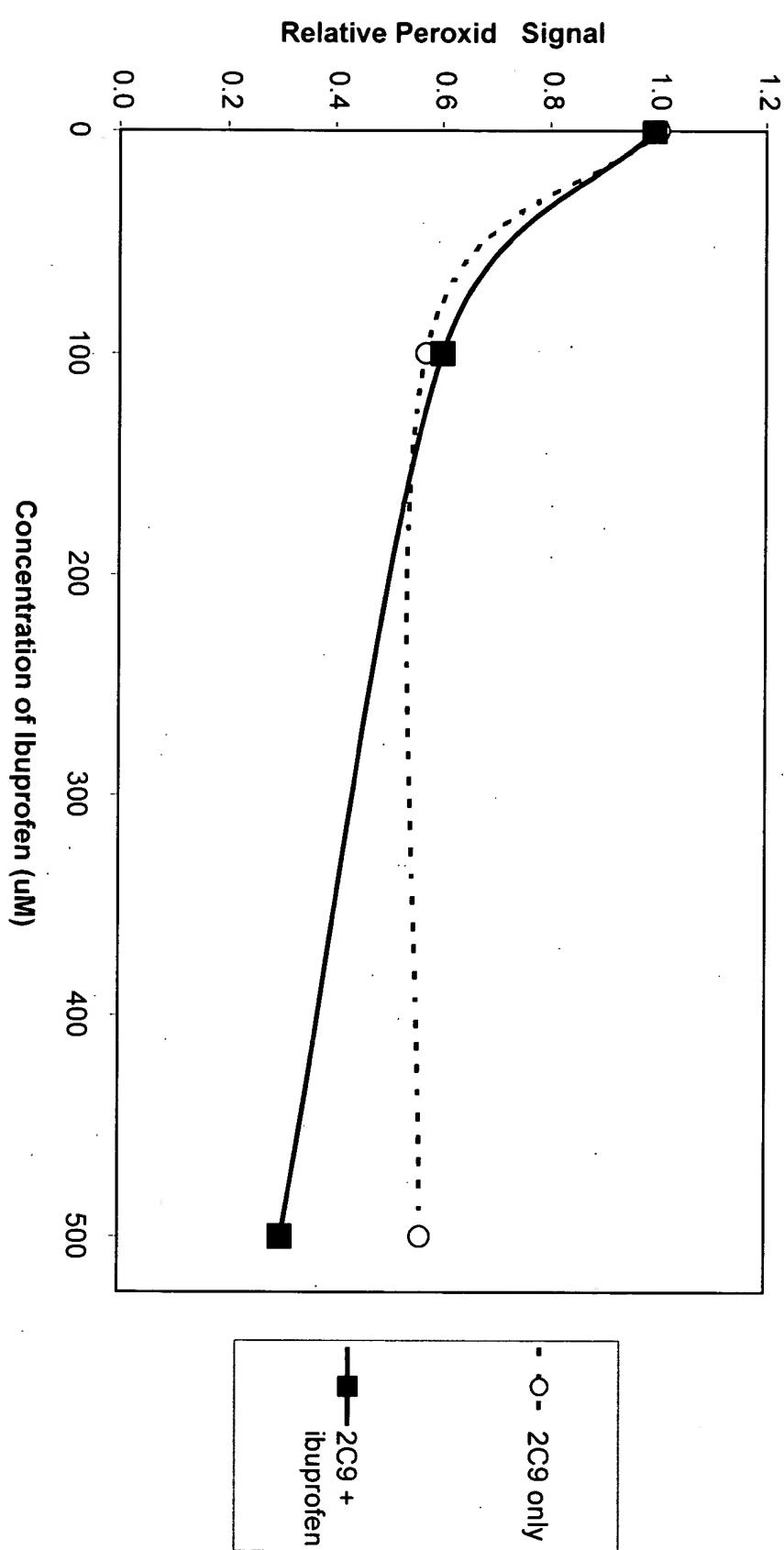


Fig. 31

Oxygen Consumption During Metabolism of Propranolol by CYP 2D6

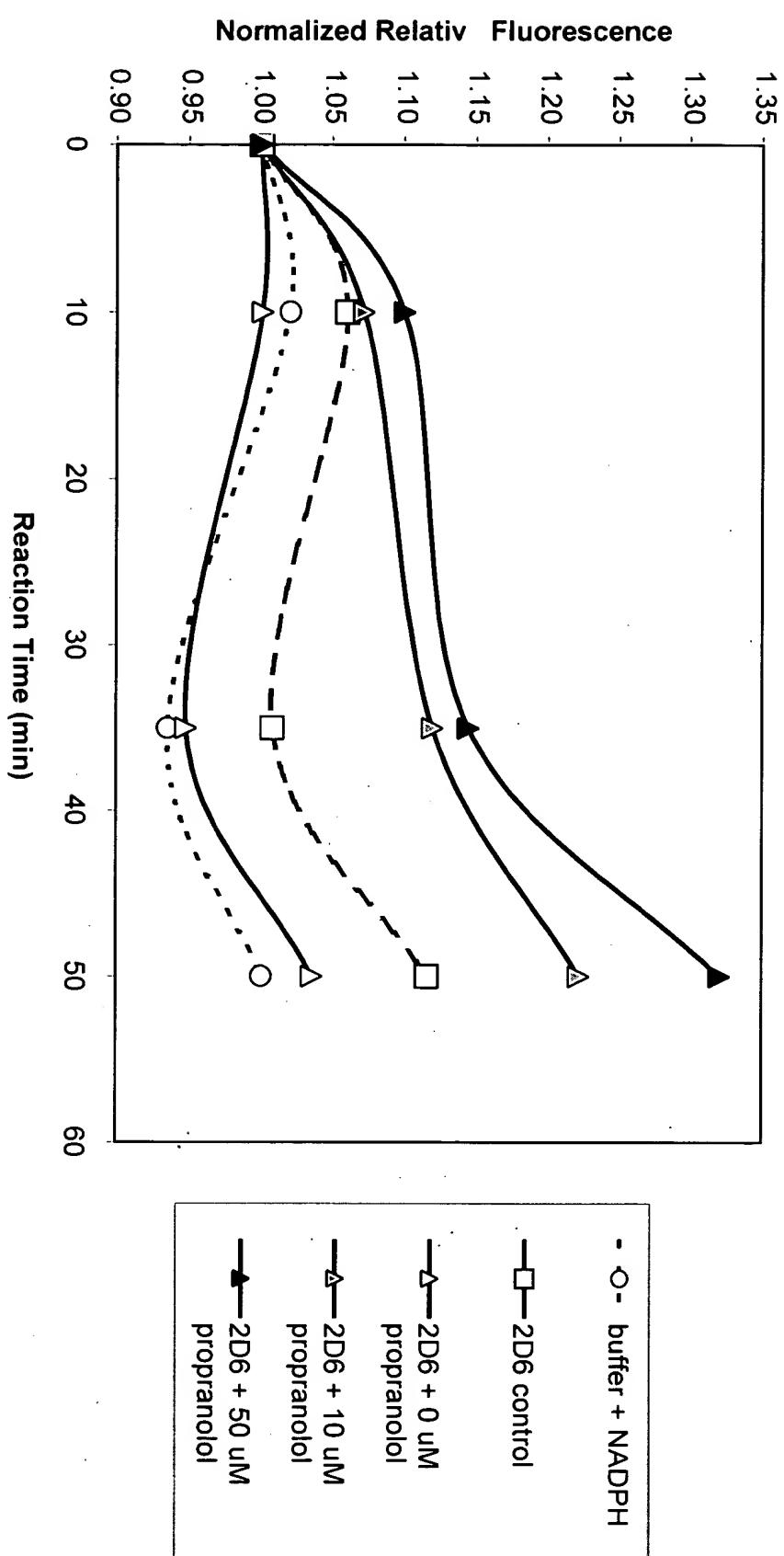


Fig. 32a

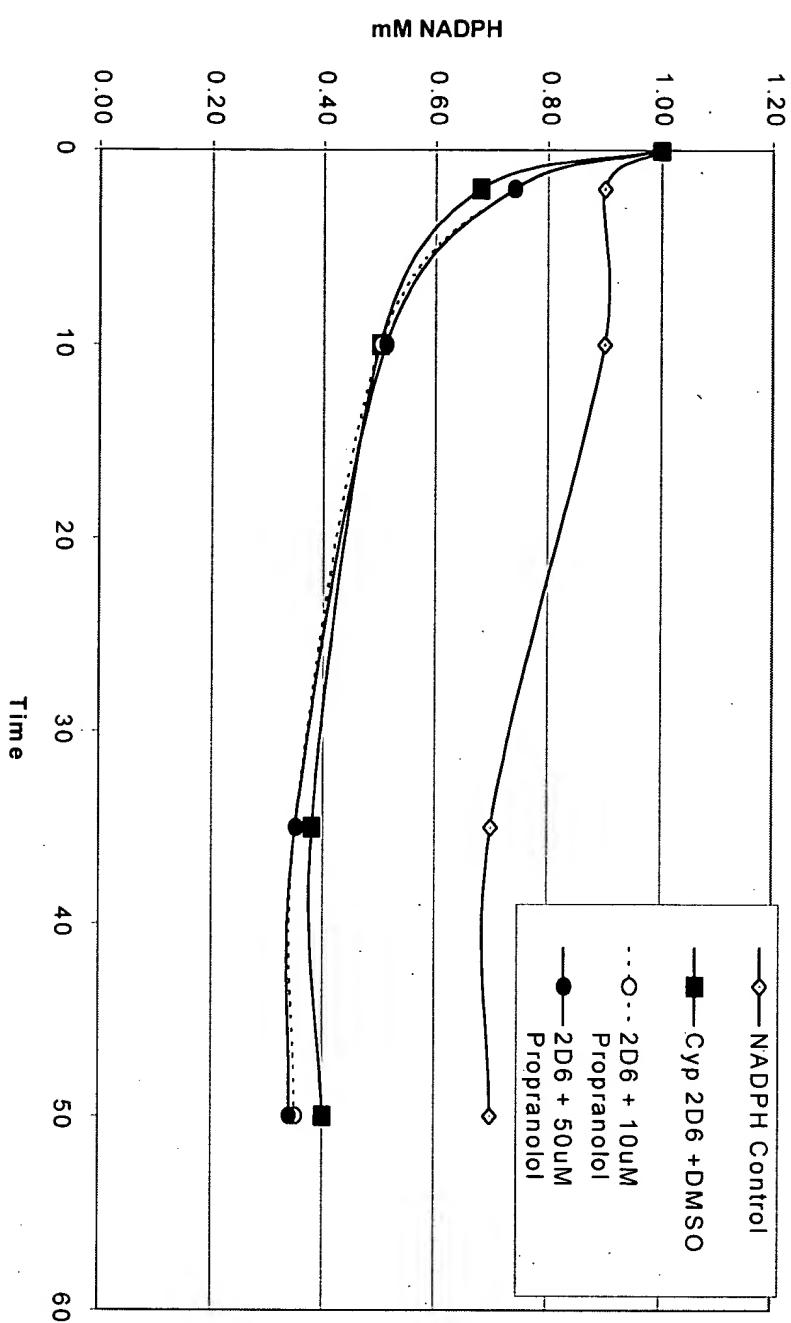


Fig. 32b

Relative Rates of Propranolol and Dextromethorphan Clearance

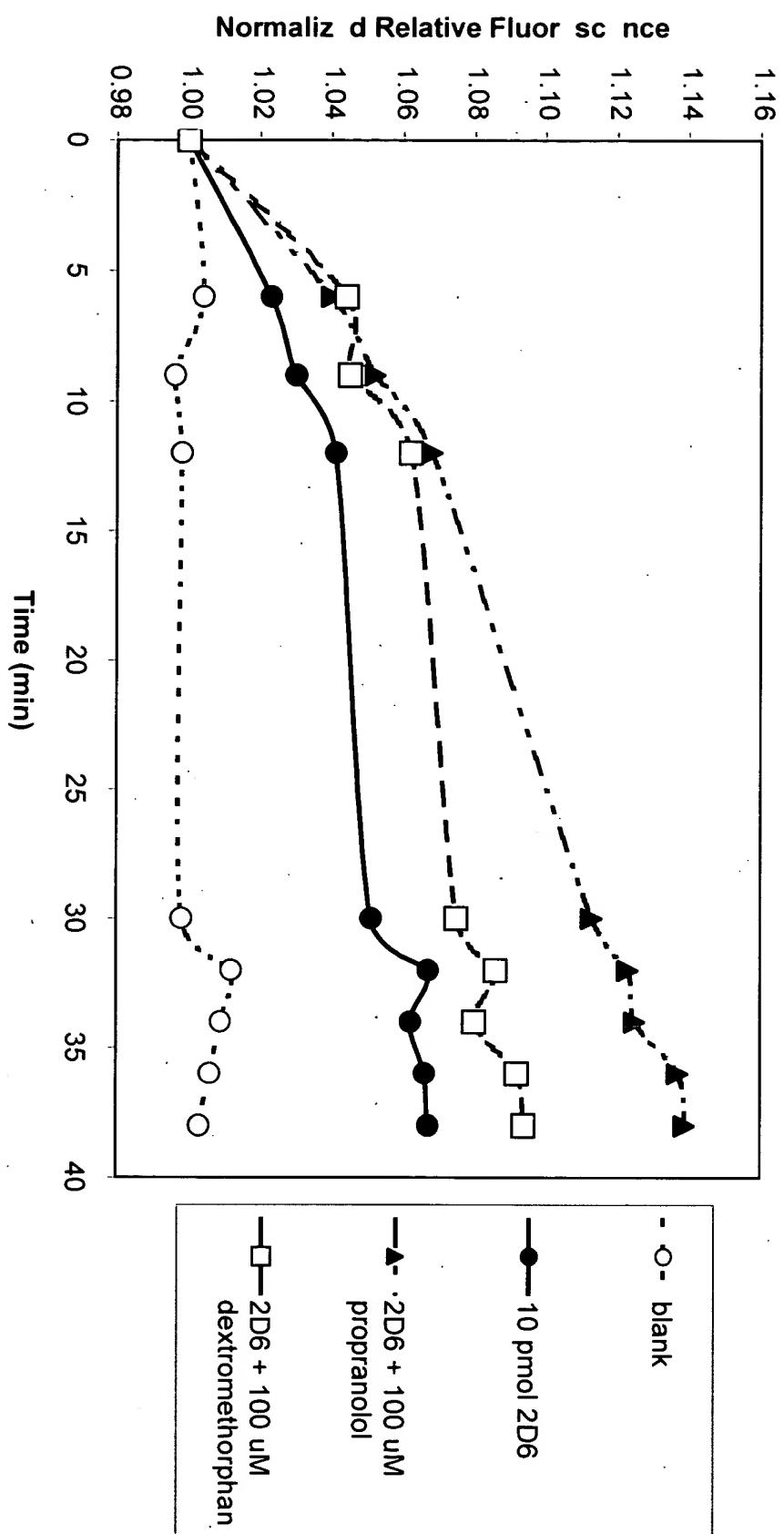
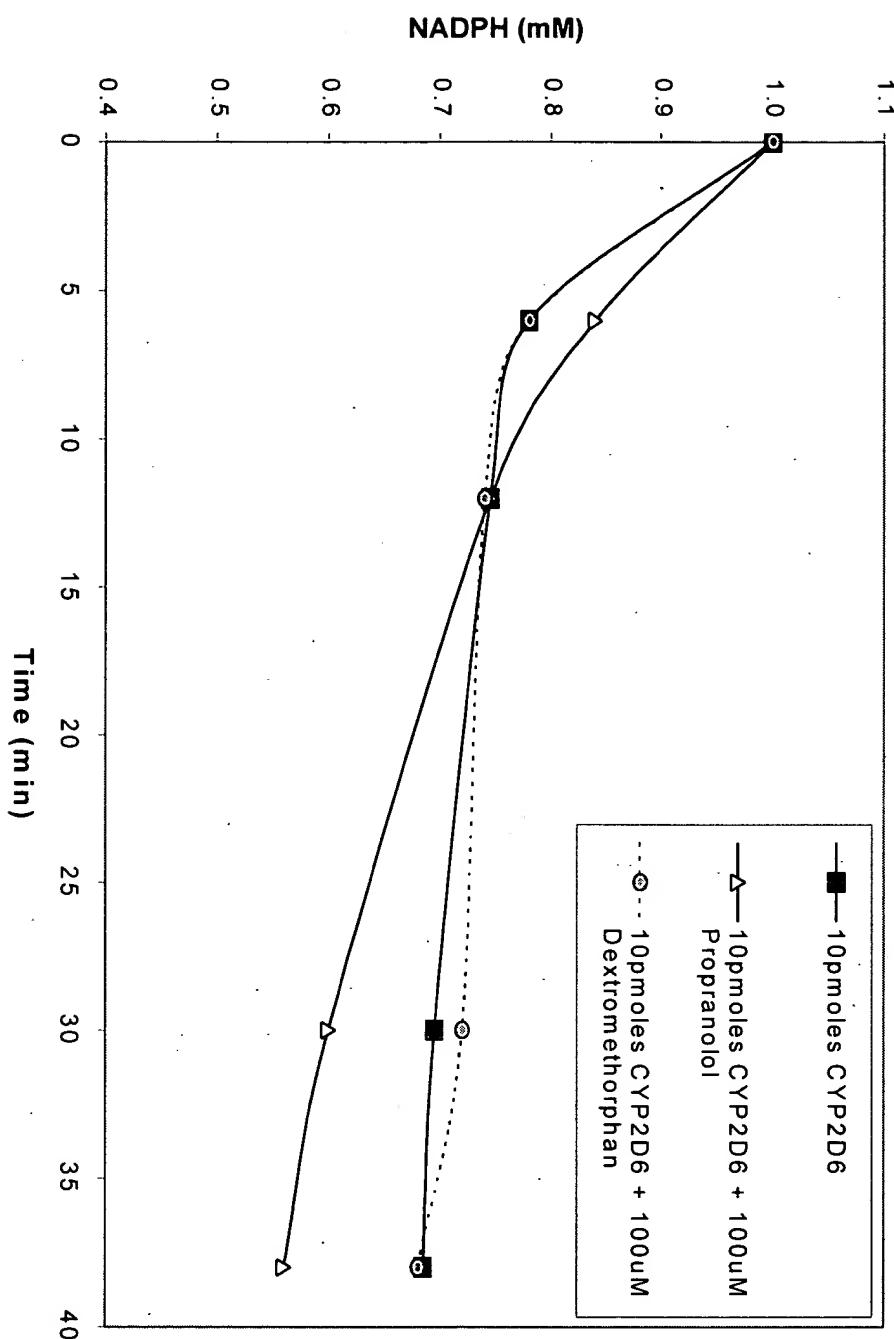


Fig. 33a

Fig. 33b



Oxygen Consumption by Liverbeads

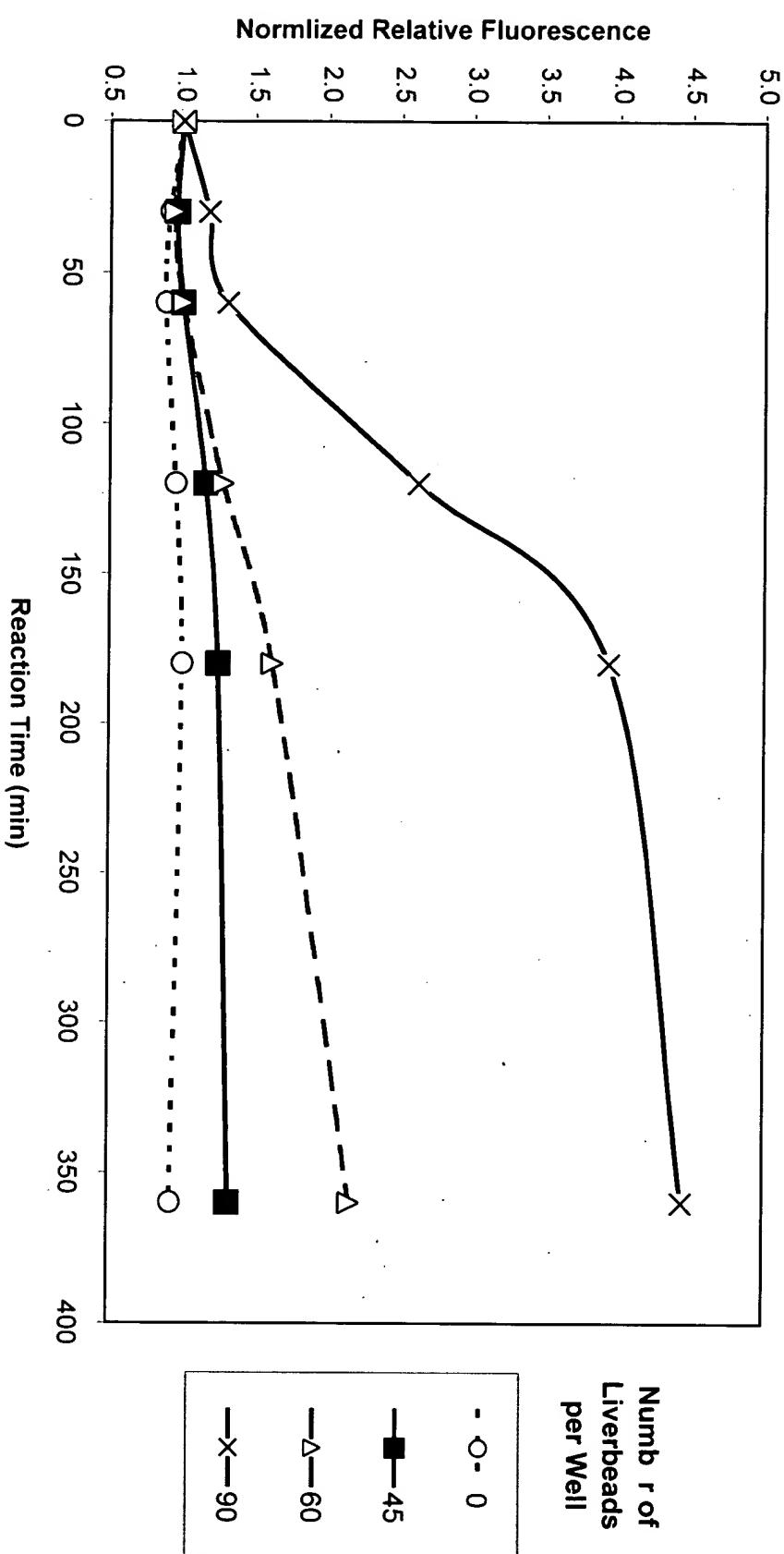


Fig. 34

Metabolism of Diclofenac by Liverbeads

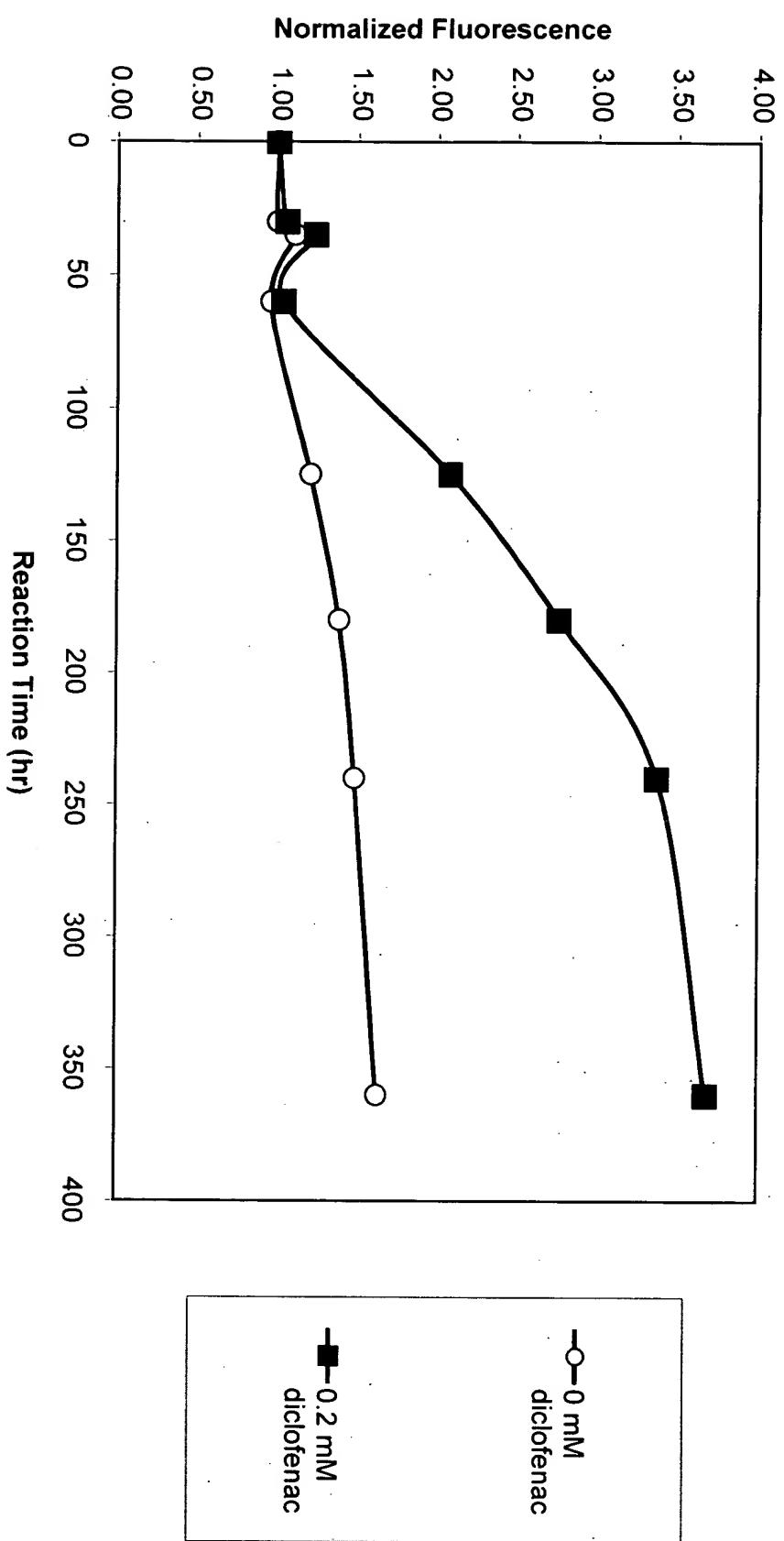


Fig. 35